



Forest Management Plan

Ballyhooly

CK08

2006 to 2010

District Manager

Pat Roche

District

S3



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Introduction

Forest	CK08	Ballyhooly
District	S3	
District Manager	Pat Roche	

Ballyhooly forest is situated in The forest of Ballyhooly is located in north Cork, covering an area of 2,338 ha;s between the eastern flanks of the Nagle Mountains towards a westerly point of Strawhall near Fermoy Town. The Blackwater River acts as a natural northern boundary while the southern boundary is demarked by the R614 road between Rathcormack and Glenville.

The principle forest areas within Ballyhooly forest are Lackendarragh, Gortroche, which are primarily young forests in the upland areas of the Nagle Mountains on podzolic soils with the main species being Sitka Spruce, Lodgepole Pine. Castleblagh, Gurteen and Cappagh are located along the Blackwater and compose primarily of more mature forests with a wider species mix possible due to brown earth and alluvial soil types including Douglas Fir, Spanish Chestnut, Oak, Ash, Sitka Spruce, Scots Pine, birch and holly also dominate the lower canopy.

Corrin and Glenabo properties are adjacent to Fermoy town pop (5000) and have many of the characterises of the fore mentioned properties along the Blackwater. Corrin hill has a high visual impact on the surrounding countryside and is therefore managed by Continuous Cover Forestry with a gradual conversion to broadleaf by implementing small coupe felling and under planting

Within the Forest boundaries several statutory designations are present, National Heritage Areas including the Bride/Bunaglanna Valley and Blackwater Valley. Special Areas of Conservation SAC;s include the Blackwater River. Reflecting the importance of the region towards fishing, the Blackwater River is renowned for its attraction as an inland fishing centre and has an international appeal for trout, salmon and coarse fishing. The Bride is also an important salmon river. The Freshwater Pearl Mussel SAC covers approx sixty percent of the Forest Area.

One of the countries major sawmills is located just outside the town of Fermoy providing local employment.

The principle population centres are , Fermoy, Ballyhooly, Rathcormack and Glenville.

The main soil type in Ballyhooly are

The main towns and villages located in the catchment area of Ballyhooly forest are

The management focus for the forest is concerned with Ballyhooly Forest will be managed with three different objectives during the period of the plan 2011-2015. An economic objective to ensure the optimum timber productivity can be achieved while ensuring all environmental considerations are taken in account, these include Landscape Design, species diversity, Old Woodland sites, Statutory Designations and archaeological features. A social objective, Coillte's open forest policy which invites walkers into its woods has major benefits for the local community, the recent development of Corrin and Glenabo walking facilities with funding from Failte Ireland has taken recreation to the forefront.

The forest is largely at a stage of regeneration with much of the Nagles at a young age. This review of the Forest Management Plan will give an opportunity to restructure any future large felling coupes to reduce their impact on the environment and the landscape. The review will allow the opportunity to plan the creation of subsequent buffer zones along existing streams, these buffer zones will help protect water courses from sedimentation and nutrient run off into the sensitive Bride and Blackwater rivers.

No felling coupe greater than 20 ha in upland areas and 5ha in lowland/old woodland areas will take place without an assessment and a clear justification. During the review period every effort will be made to reduce the size and impact of clearfelling both on the environment and the landscape.

The forest contains 1 and 22 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as appropriate in tables 2.6 and 2.7



Table 1 - Area by Objective

Forest CK08 Ballyhooly

OBJECTIVE	AREA (ha)	%
Timber Production	1,765.8	75.9%
Biodiversity	555.0	23.9%
Recreation	4.2	0.2%
<hr/> Total	<hr/> 2,325.1	<hr/> 100.0%



Table 2 - Area by Special Consideration

Forest CK08 Ballyhooly

SPECIAL CONSIDERATION	AREA (ha)	%
Experimentation	63.3	2.7%
Farm Partnership	18.1	0.8%
Fisheries Protection	27.4	1.2%
High Landscape Sensitivity	71.1	3.1%
Legal	88.2	3.8%
None	1,741.3	74.9%
Potential Sale	1.8	0.1%
Recreation Site	124.6	5.4%
Statutory Designation	124.8	5.4%
Water Supply	64.6	2.8%
<hr/> Total	<hr/> 2,325.1	<hr/> 100.0%



Table 3 - Area by Fell Year

Forest CK08 Ballyhooly

FELL YEAR	AREA (ha)	ANNUAL AVERAGE
2006	14.0	
2007	41.3	
2008	42.8	
2009	42.3	
5 Year Total and Average	140.5	35.1
2010	16.0	
2011	26.3	
2012	1.5	
2013	44.1	
2014	0.0	
5 Year Total and Average	88.0	17.6
2015	10.7	
2016	18.4	
2017	34.9	
2018	48.8	
2019	0.0	
5 Year Total and Average	112.9	22.6



FELL YEAR	AREA (ha)	ANNUAL AVERAGE
2020	13.2	
2021	12.4	
2022	0.0	
2023	8.8	
2024	26.6	
<hr/> 5 Year Total and Average	<hr/> 60.9	<hr/> 12.2

Table 4 - Area by Species Group

Forest CK08 Ballyhooly

SPECIES GROUP	AREA (ha)	%
ALD	40.5	1.8%
ASH	6.3	0.3%
BE	53.7	2.4%
BI	58.9	2.6%
DF	169.4	7.5%
FIR	12.6	0.6%
LAR	112.4	4.9%
LP	238.2	10.5%
NS	19.9	0.9%
OAK	32.4	1.4%
OB	32.0	1.4%
OC	1.2	0.1%
OP	59.0	2.6%
SS	1,401.9	61.7%
WRC	35.4	1.6%
<hr/> Total	<hr/> 2,273.8	<hr/> 100.0



Table 5 - Listing of Restocking MUs

Forest CK08 Ballyhooly

2006

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Area (ha)											
						Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
107	CK08-7	Timber Production	None	9.0	0.8	3.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99	CK08-10	Timber Production	None	4.2	0.6	2.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	CK08-12	Biodiversity	None	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				14.0													

2007

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Area (ha)											
						Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
42	CK08-6	Biodiversity	Water Supply	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
104	CK08-6	Timber Production	None	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105	CK08-6	Timber Production	None	13.1	2.0	7.8	1.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
98	CK08-7	Timber Production	None	9.1	2.5	8.6	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	CK08-12	Timber Production	None	5.0	0.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0



112	CK08-8	Timber Production	None	16.1	2.8	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
116	CK08-8	Timber Production	None	7.4	0.8	3.7	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.0
118	CK08-8	Biodiversity	Statutory Designat	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0
119	CK08-11	Biodiversity	Fisheries Protect	9.9	1.5	0.0	0.0	1.7	0.0	0.0	1.7	0.0	3.5	1.7	0.0	0.0	0.0
192	CK08-11	Biodiversity	None	2.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0
Total MU Area				42.3													

2010

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	----- Area (ha) -----												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
111	CK08-1	Biodiversity	High Landscape S	9.9	1.7	0.0	0.0	7.7	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
133	CK08-13	Timber Production	None	2.5	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
134	CK08-14	Timber Production	None	3.7	0.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				16.0													