



Coillte Teoranta

Forest Management Plan

Loughglinn

RN08

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: RN08 Loughglinn
District: W2 District Manager Gerry Gavin

Loughglinn forest is situated in Loughglinn Forest is part of East Galway Roscomon District, W2 and is located in mid Roscommon in the Clonard river catchment which is part of the Shannon complex. The topography of the area is flat to low lying. The total area of the Forest is 1165 ha with Ballyglass and Cloonbard being the main blocks with the remainder of the Forest in smaller scattered units. Loughglinn Property formerly part of an old estate contains the older plantations in the Forest.

The main soil type in Loughglinn are The soil types present are surface water gleys, peaty gleys and a percentage of raised bog.

The main towns and villages located in the catchment area of Loughglinn forest are Castlerea town is located in the centre of the forest with Loughglinn and Ballymoe villages on the fringe of the Forest.

The management focus for the forest is concerned with The main focus of the Forest is timber production with 124 management units of 904 ha defined as having a timber production objective. The remaining management units of 41 with an area of 253 ha are managed for bio-diversity or conservation.

This chart outlines the clearfell plans of the forest into the future.

Up to the year 2010 the plan is to clear fell 61 ha. This will contain a timber volume of 20,200 M³.

853 ha in the forest contain conifers. 153 ha will not be thinned. This relates to lodge pole pine areas. 286 ha of spruce will be thinned as standard with the remainder having a thinning type varying from a one thin to a three thin.

The forest contains 0 and 0 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

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	904.2	77.7%
Biodiversity	252.5	21.7%
Non-forest Commercial	7.2	0.6%
Total	1,163.8	100.0%

Table 2 Area by Special Consideration

Forest:	RN08	Loughlinn	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		22.8	2.0%
Farm Partnership		12.3	1.1%
Fisheries Protection		19.5	1.7%
Legal		124.7	10.7%
None		899.0	77.2%
Old Woodland Site		79.9	6.9%
Statutory Designation		5.7	0.5%
Total		1,163.8	100.0%



Table 3 Area by Fell Year

Forest: RN08

Loughglinn

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	12.7	
2008	15.7	
2009	11.4	
<u>5 Year Total and Average</u>	<u>39.9</u>	<u>5.69</u>
2010	21.7	
2011	19.9	
2012	7.8	
2013	16.1	
2014	0.0	
<u>5 Year Total and Average</u>	<u>65.6</u>	<u>7.28</u>
2015	2.2	
2016	0.0	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	11.8	
	2018	28.8	
	2019	2.5	
<u>5 Year Total and Average</u>		<u>45.3</u>	<u>5.03</u>
	2020	5.9	
	2021	1.9	
	2022	8.0	
	2023	0.0	
<u>5 Year Total and Average</u>		<u>15.8</u>	<u>2.26</u>

Table 4 Area by Species Group

Forest:	RN08	Loughlinn	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	10.3	1.1
	ASH	14.1	1.5
	BE	9.2	0.9
	BI	10.7	1.1
	DF	0.2	0.0
	LAR	17.8	1.8
	LP	139.3	14.4
	NS	78.3	8.1
	OAK	8.6	0.9
	OB	11.6	1.2
	OP	0.3	0.0
	SS	665.0	68.9
		965.3	100.0



Table 5 Listing of Restocking MUs

Forest: RN08 Loughlinn

2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
170	RN08-3	Timber Production	None	3.4		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	
121	RN08-11	Timber Production	None	6.7	1.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
133	RN08-14	Timber Production	Old Woodland Si	2.6	0.4	2.2	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				12.7															
2008																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
77	RN08-10	Timber Production	None	15.7	1.6	12.7	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				15.7															
2009																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
112	RN08-11	Timber Production	None	6.7	1.0	1.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
116	RN08-11	Timber Production	None	3.7	0.5	2.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	



125	RN08-12	Timber Production	None	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0
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Total MU Area 11.4

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		
6	RN08-1	Timber Production	None	2.4	0.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
65	RN08-9	Timber Production	None	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0		
131	RN08-14	Timber Production	Old Woodland Si	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0		
132	RN08-14	Timber Production	Old Woodland Si	8.6	1.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0		
137	RN08-14	Timber Production	None	8.7	1.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0		
Total MU Area				21.7														

