



Coillte Teoranta

Forest Management Plan

Rathmullan

DL05

2006 to 2010

District Manager

John Duffy

District

N1



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Introduction

Forest: DL05 Rathmullan
District: N1 District Manager John Duffy

Rathmullan forest is situated in the Fanad peninsula on the north coast of Donegal

The main soil type in Rathmullan are Shallow climatic peat, peaty podzols and a small area of gley

The main towns and villages located in the catchment area of Rathmullan forest are Rathmullen, Carrowkeel, Port Salon and Carrigart

The management focus for the forest is concerned with timber production with strong emphasis on biodiversity and landscape management.

On average 10.3 hectares per annum will be due for harvesting over the planned period.

409.4 cubic metres per hectare is the volume anticipated for the harvesting operation.

Thinning policy is determined by windthrow risk, exposed and low Yield Class sites receiving less thinning or no 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	460.4	65.0%
Biodiversity	247.2	34.9%
Non-forest Commercial	1.1	0.2%
Total	708.8	100.0%



Table 2 Area by Special Consideration

Forest:	DL05	Rathmullan	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		20.4	2.9%
Access County Road		23.0	3.2%
Archaeology		11.6	1.6%
Farm Partnership		1.2	0.2%
Long-term Leased		0.6	0.1%
None		651.5	91.9%
ROW Problems		0.5	0.1%
Total		708.8	100.0%



Table 3 Area by Fell Year

Forest: DL05

Rathmullan

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	11.6	
2007	11.9	
2008	13.1	
2009	6.4	
<u>5 Year Total and Average</u>	<u>43.0</u>	<u>5.37</u>
2010	0.0	
2011	0.5	
2012	16.7	
2013	0.0	
2014	2.9	
<u>5 Year Total and Average</u>	<u>20.1</u>	<u>2.51</u>
2015	0.0	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	12.1	
2019	0.0	
<u>5 Year Total and Average</u>	<u>12.1</u>	<u>2.02</u>
2020	0.0	
2021	0.0	
2022	11.5	
2023	0.0	
2024	18.0	
<u>5 Year Total and Average</u>	<u>29.4</u>	<u>4.91</u>

Table 4 Area by Species Group

Forest:	DL05	Rathmullan	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	10.4	1.9
	ASH	0.6	0.1
	BE	3.1	0.6
	BI	14.3	2.7
	DF	4.3	0.8
	FIR	33.4	6.3
	LAR	25.9	4.8
	LP	64.3	12.0
	NS	8.6	1.6
	OAK	15.4	2.9
	OB	1.5	0.3
	OP	9.1	1.7
	SS	325.2	60.9
	WRC	17.9	3.4
		534.0	100.0



Table 5 Listing of Restocking MUs

Forest: DL05 Rathmullan

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
62	DL05-5	Timber Production	None	7.1	1.4	4.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
63	DL05-9	Timber Production	Access County R	4.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				11.6															
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				
64	DL05-3	Timber Production	Access - Other	3.2	0.6	1.8	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
151	DL05-3	Timber Production	None	1.9		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	
65	DL05-6	Timber Production	None	6.7	1.0	4.6	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
Total MU Area				11.9															
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				
67	DL05-11	Timber Production	None	13.1	2.0	8.9	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				13.1															



2009				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
68	DL05-10	Timber Production	None	6.4	1.0	3.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total MU Area				6.4													

