



Coillte Teoranta

Forest Management Plan

Kilworth

CK07

2006 to 2010

District Manager

District

Pat Roche

S3



Table of Contents

	Introduction
Table 1	Area by Objective
Table 2	Area by Special Consideration
Table 3	Area by Fell Year
Table 4	Area by Species Group
Table 5	Listing of Restocking MUs

Map 3.1 Location Map

Map 3.2 Clearfell Areas

Map 3.3 Thinning Areas

Map 3.4 Restocking Map



Introduction

Forest: CK07 Kilworth
District: S3 District Manager Pat Roche

Kilworth forest is situated in North Cork. It stretches from Fermoy to Mitchelstown east to the Waterford border south through Kilmurry to the Blackwater river & then westward to Fermoy. An important aspect of this wood is that the largest property is adjacent to the Lynch Army Training Camp. The forest is part of the Cork District S3 and will be known as CK07.

The main soil type in Kilworth are Peaty podsolics dominate the higher slopes, acid brown earths are found in the lower areas.

The main towns and villages located in the catchment area of Kilworth forest are Fermoy, Kilworth & Mitchelstown.

The management focus for the forest is concerned with Timber production.

Biodiversity has high importance in this forest, with the Douglas river rushing through the Main Block, the management objective here is to maintain and enhance the quality of water in the catchment.

Clear fell areas 2006-2024 average 27ha per annum.

Areas adjacent to SAC's NHA'S are managed as per FS Guidelines

From 2006-2010, 124ha will be felled yielding 55,160m³ of timber, an average of 445m³ per ha.

Standard thin plus local amounts to 84% or 1072ha. Approx 96% of the area has a thinning prescription.

The forest contains 6 and 4 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	1,461.5	81.9%
Biodiversity	322.6	18.1%
Total	1,784.0	100.0%



Table 2 Area by Special Consideration

Forest:	CK07	Kilworth	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		27.5	1.5%
Access County Road		26.6	1.5%
Archaeology		29.4	1.7%
Experimentation		20.4	1.1%
Farm Partnership		7.1	0.4%
Fisheries Protection		167.9	9.4%
IFUT		108.4	6.1%
Lettings		31.9	1.8%
None		1,242.2	69.6%
Old Woodland Site		43.7	2.4%
ROW Problems		12.0	0.7%
Recreation Site		14.7	0.8%
Statutory Designation		52.3	2.9%
Total		1,784.0	100.0%



Table 3 Area by Fell Year

Forest: CK07

Kilworth

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	6.6	
2007	49.1	
2008	7.3	
2009	44.0	
<u>5 Year Total and Average</u>	<u>107.0</u>	<u>13.38</u>
2010	43.0	
2011	42.1	
2012	52.1	
2013	0.0	
2014	26.6	
<u>5 Year Total and Average</u>	<u>163.8</u>	<u>18.20</u>
2015	28.4	
2016	42.1	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	39.1	
2019	0.0	
<u>5 Year Total and Average</u>	<u>109.7</u>	<u>13.71</u>
2020	43.0	
2021	17.3	
2022	5.7	
2023	10.7	
2024	62.7	
<u>5 Year Total and Average</u>	<u>139.5</u>	<u>15.50</u>

Table 4 Area by Species Group

Forest:	CK07	Kilworth	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.1	0.1
	ASH	0.4	0.0
	BE	12.3	0.7
	BI	9.5	0.5
	DF	214.4	12.2
	FIR	18.9	1.1
	LAR	83.5	4.8
	LP	186.5	10.6
	NS	40.6	2.3
	OAK	29.2	1.7
	OB	7.5	0.4
	OC	0.4	0.0
	OP	24.8	1.4
	SS	1,113.7	63.5
	WRC	11.9	0.7
		1,754.8	100.0



91	CK07-9	Timber Production	None	2.1	0.3	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
----	--------	-------------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

98	CK07-9	Timber Production	None	1.1	0.2	0.9	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 49.1

2008

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB

99	CK07-3	Timber Production	None	5.0	0.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
----	--------	-------------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

92	CK07-8	Timber Production	None	2.4	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
----	--------	-------------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Total MU Area 7.3

2009

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB

102	CK07-3	Timber Production	IFUT	3.0	0.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-----	--------	-------------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

95	CK07-4	Timber Production	None	18.3	4.5	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0
----	--------	-------------------	------	------	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

104	CK07-7	Biodiversity	Fisheries Protect	12.7	1.9	0.0	0.0	0.0	2.2	0.0	0.0	3.2	0.0	0.0	2.2	2.2	0.0
-----	--------	--------------	-------------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

105	CK07-7	Biodiversity	None	4.1	0.6	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.3	1.0	0.0
-----	--------	--------------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

186	CK07-7	Biodiversity	Statutory Designat	3.6	0.5	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0	0.9	0.0
-----	--------	--------------	--------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



103	CK07-10	Timber Production	None	2.2	0.3	1.9	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 44.0

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	
107	CK07-3	Timber Production	None	12.8	1.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
191	CK07-3	Timber Production	IFUT	7.3	1.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	CK07-6	Timber Production	None	12.7	1.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	4.3	0.0	4.3	0.0	
109	CK07-9	Biodiversity	Old Woodland Si	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.4	0.8	0.8	0.0	
116	CK07-10	Biodiversity	Old Woodland Si	0.6	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	
161	CK07-11	Biodiversity	Old Woodland Si	5.0	1.0	0.0	0.0	1.2	0.0	0.0	0.0	2.0	0.0	0.0	0.8	0.0	0.0	
Total MU Area				43.0														