



Coillte Teoranta

Forest Management Plan

Midleton

CK14

2006 to 2010

District Manager

District

Pat Roche

S3



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Introduction

Forest: CK14 Midleton
District: S3 District Manager Pat Roche

Midleton forest is situated in East Cork. It extends westward from Midleton to Cork north to Glenville east to Castlelyons and south through Dungourney & back to Midleton. It is part of the Cork District S3 and will in future be known as CK14.

The main soil type in Midleton are Brown earths and podsolics derived from ORS and Carboniferous Limestone are main soil types.

The main towns and villages located in the catchment area of Midleton forest are Midleton, Cork, Watergrasshill, Castlelyons, Glenville, & Dungourney.

The management focus for the forest is concerned with Timber production-91% (2270ha). Biodiversity at 9% will be extended where possible and existing sites enhanced.

Clearfells through the period 2006-2009 will average 30ha per annum. Clearfells through 2010-2024 average 18ha per annum. Areas adjacent to SAC and NHA sites are managed under FS Guidelines.

From 2006-2010 a total of 49,000m³ will be felled in 110ha yielding 445m³ per ha.

Standard plus local amounts to 85% of crops. In all 98% of crops carry a thinning prescription.

The forest contains 0 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	2,271.9	91.2%
Biodiversity	219.4	8.8%
Total	2,491.3	100.0%



Table 2 Area by Special Consideration

Forest:	CK14	Midleton	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		19.7	0.8%
Access County Road		19.1	0.8%
Archaeology		75.8	3.0%
Experimentation		13.2	0.5%
Fisheries Protection		156.5	6.3%
High Landscape Sensitivity		82.5	3.3%
IFUT		136.6	5.5%
None		1,620.6	65.1%
Old Woodland Site		7.2	0.3%
ROW Problems		34.7	1.4%
Recreation Site		300.1	12.0%
Statutory Designation		3.8	0.2%
Water Supply		21.5	0.9%
Total		2,491.3	100.0%



Table 3 Area by Fell Year

Forest: CK14

Midleton

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	30.8	
2007	47.3	
2008	26.3	
2009	18.9	
<u>5 Year Total and Average</u>	<u>123.3</u>	<u>15.41</u>
2010	29.7	
2011	27.8	
2012	4.5	
2013	33.1	
2014	19.3	
<u>5 Year Total and Average</u>	<u>114.4</u>	<u>11.44</u>
2015	21.5	
2016	10.6	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	24.3	
	2018	0.0	
	2019	27.9	
<u>5 Year Total and Average</u>		<u>84.3</u>	<u>9.36</u>
	2020	9.6	
	2021	4.6	
	2022	0.0	
	2023	10.6	
	2024	40.1	
<u>5 Year Total and Average</u>		<u>64.9</u>	<u>8.11</u>

Table 4 Area by Species Group

Forest:	CK14	Midleton	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	32.3	1.3
	ASH	14.9	0.6
	BE	58.9	2.4
	BI	13.7	0.6
	DF	119.6	4.9
	FIR	51.5	2.1
	LAR	225.2	9.2
	LP	67.0	2.7
	NS	44.9	1.8
	OAK	8.9	0.4
	OB	41.0	1.7
	OC	10.5	0.4
	OP	27.0	1.1
	SS	1,682.1	68.6
	WRC	54.1	2.2
		2,451.4	100.0



80	CK14-6	Timber Production	Recreation Site	18.6	2.8	12.6	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,063	CK14-12	Timber Production	None	8.3	1.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	CK14-14	Timber Production	None	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	CK14-18	Timber Production	Access - Other	12.6	1.9	5.3	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 47.3

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
44	CK14-3	Timber Production	None	1.6	0.2	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210	CK14-6	Timber Production	None	2.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185	CK14-10	Timber Production	Recreation Site	2.9	0.4	2.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,066	CK14-11	Timber Production	None	8.7	1.3	6.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,067	CK14-11	Timber Production	None	9.6	1.4	7.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	CK14-15	Biodiversity	Fisheries Protect	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0

Total MU Area 26.3



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			
97	CK14-4	Timber Production	IFUT	18.9	2.8	12.9	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				18.9														
2010																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
,072	CK14-1	Timber Production	Archaeology	4.8	0.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.8	0.0	
95	CK14-4	Timber Production	IFUT	15.7	2.4	10.7	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
166	CK14-5	Timber Production	None	4.3	0.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
124	CK14-6	Timber Production	Recreation Site	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	
,063	CK14-10	Timber Production	High Landscape S	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
141	CK14-17	Biodiversity	None	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
86	CK14-22	Biodiversity	None	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	
Total MU Area				29.7														

