



Coillte Teoranta

Forest Management Plan

Knockanore

WD10

2006 to 2010

District Manager

Liam Cleary

District

S1



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Introduction

Forest: WD10 Knockanore
District: S1 District Manager Liam Cleary

Knockanore forest is situated in West County waterford. The boundary of the forest is the border of County Cork on the West and the Blackwater river on the east. The forest is located on undulating hilly ground- there are no major mountain ranges in the area.

The main soil type in Knockanore are Bown podsols/peaty podsols.

The main towns and villages located in the catchment area of Knockanore forest are Tallow and Knockanore.

The management focus for the forest is concerned with timber production however there are several biodiversity and archaeological sites throughout the forest. There are also a number of SACs in the forest along the Blackwater catrchment.

2007 - 57.2 ha, 2008 - 77.9 ha, 2009 - 63.5 ha

2007 - 23904 m3,
2008 - 5782 m3,
2009 - 18373 m3
2010 - 1861 m3

Standard - 65.7%, Local -23.7%, 3 Thinnings - 3.8%, 2 Thinnings -1.1%, Solitary Thin - 2.2%, No Thin 3.5%

The forest contains 12 and 11 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:	WD10	Knockanore	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,360.7	80.7%
Biodiversity		296.8	17.6%
Non-forest Commercial		1.0	0.1%
Christmas Tree Production		11.6	0.7%
Seed Stand		15.5	0.9%
Total		1,685.7	100.0%



Table 2 Area by Special Consideration

Forest:	WD10	Knockanore	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		14.0	0.8%
Experimentation		25.1	1.5%
Farm Partnership		73.1	4.3%
Fisheries Protection		0.3	0.0%
IFUT		75.7	4.5%
None		1,278.0	75.8%
Old Woodland Site		103.5	6.1%
Statutory Designation		116.0	6.9%
Total		1,685.7	100.0%



Table 3 Area by Fell Year

Forest: WD10

Knockanore

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	57.2	
2008	22.6	
2009	118.9	
<u>5 Year Total and Average</u>	<u>198.7</u>	<u>28.38</u>
2010	56.3	
2011	104.6	
2012	48.3	
2013	28.3	
2014	26.1	
<u>5 Year Total and Average</u>	<u>263.6</u>	<u>26.36</u>
2015	19.8	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	17.2	
2018	6.7	
2019	49.0	
<u>5 Year Total and Average</u>	<u>92.8</u>	<u>10.31</u>
2020	24.7	
2021	9.1	
2022	34.0	
2023	1.1	
2024	14.0	
<u>5 Year Total and Average</u>	<u>82.9</u>	<u>9.21</u>

Table 4 Area by Species Group

Forest:	WD10	Knockanore	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	10.0	0.6
	ASH	30.7	1.9
	BE	72.5	4.4
	BI	10.0	0.6
	DF	144.0	8.7
	FIR	80.0	4.8
	LAR	207.4	12.5
	LP	16.3	1.0
	NS	50.6	3.0
	OAK	53.2	3.2
	OB	27.4	1.7
	OC	1.0	0.1
	OP	44.9	2.7
	SS	899.1	54.2
	WRC	10.9	0.7
		1,658.0	100.0



Table 5 Listing of Restocking MUs

Forest: **WD10** **Knockanore**

2007 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
25	WD10-4	Timber Production	None	13.4	1.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	WD10-4	Timber Production	Archaeology	8.2	0.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
125	WD10-4	Timber Production	None	8.3	1.3	6.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
52	WD10-5	Timber Production	None	5.1	0.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134	WD10-11	Timber Production	None	10.4	1.6	8.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157	WD10-12	Timber Production	None	3.6	0.5	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158	WD10-12	Timber Production	IFUT	2.5	0.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206	WD10-13	Timber Production	None	4.3	0.6	3.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
214	WD10-15	Timber Production	None	1.4	0.2	1.2	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				57.2													



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			
69	WD10-4	Timber Production	None	1.6	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	WD10-5	Timber Production	None	10.2	1.5	0.0	2.6	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192	WD10-12	Timber Production	None	5.4	0.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203	WD10-13	Biodiversity	None	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.8	2.6	0.5	0.0	0.0
Total MU Area				22.6														
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			
28	WD10-4	Timber Production	None	17.2	2.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	
82	WD10-6	Timber Production	None	5.0	0.8	3.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	
95	WD10-7	Seed Stand	None	3.2	0.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
97	WD10-7	Timber Production	None	1.5	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83	WD10-10	Biodiversity	Statutory Designat	55.4	8.3	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	9.4	14.1	0.0	0.0	

