



Coillte Teoranta

# Forest Management Plan

Mellory

WD07

2006 to 2010

District Manager

Liam Cleary

District

S1



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# Introduction

Forest:           WD07                                   Mellory  
District:         S1                               District Manager       Liam Cleary

Mellory forest is situated in Mid-West County Waterford and the bordary of the forest is the border of County Tipperary. The forest is located in the upland areas of the Knockmealdowns and Scart mountain. The river Glenshellane flows through the forest.

The main soil type in Mellory are peaty podsols and brown earth podsols.

The main towns and villages located in the catchment area of Mellory forest are Mellory. The Cistercian abbey of Mellory is located close to the forest area.

The management focus for the forest is concerned with timber production although there are biodiversity areas in the forest.

2006 - 116.4 ha, 2007 - 81.5 ha, 2008 - 60.1 ha, 2009 - 97.9

2006 - 22897 m3, 2007 - 25514 m3, 2008 - 17482 m3, 2009 - 29051 m3, 2010 - 4339 m3.

Standard - 61.9%, Local -18.3%, 3 Thinnings - 2.9%, 2 Thinnings -4.5%, Solitary Thin -4.6%, No Thin 7.8%

The forest contains 4 and 3 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	1,435.5	84.0%
Biodiversity	268.3	15.7%
Seed Stand	4.9	0.3%
<b>Total</b>	<b>1,708.8</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>WD07</b>	<b>Mellory</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Experimentation		5.6	0.3%
Farm Partnership		65.1	3.8%
Legal		1.4	0.1%
None		1,382.8	80.9%
Statutory Designation		197.3	11.5%
Water Supply		8.8	0.5%
Wildlife		47.8	2.8%
<b>Total</b>		<b>1,708.8</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest:** WD07

Mellory

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	66.9	
2007	136.9	
2008	60.1	
2009	100.1	
<b><u>5 Year Total and Average</u></b>	<b><u>363.9</u></b>	<b><u>45.49</u></b>
2010	38.9	
2011	77.0	
2012	76.7	
2013	23.0	
2014	8.6	
<b><u>5 Year Total and Average</u></b>	<b><u>224.2</u></b>	<b><u>22.42</u></b>
2015	71.3	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	6.9	
2018	5.1	
2019	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>83.3</u></b>	<b><u>10.41</u></b>
2020	9.6	
2021	0.0	
2022	10.3	
2023	17.3	
<b><u>5 Year Total and Average</u></b>	<b><u>37.1</u></b>	<b><u>5.31</u></b>

Table 4 Area by Species Group

Forest:	WD07	Mellory	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.1	0.2
	ASH	9.4	0.6
	BE	26.8	1.7
	BI	1.5	0.1
	DF	17.8	1.1
	FIR	24.8	1.5
	LAR	69.0	4.2
	LP	310.3	19.1
	NS	56.5	3.5
	OAK	37.5	2.3
	OB	13.5	0.8
	OP	10.9	0.7
	SS	1,043.2	64.2
	WRC	0.5	0.0
		<b>1,624.8</b>	<b>100.0</b>





70	WD07-8	Biodiversity	Statutory Designat	9.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	2.5	1.7	0.0	0.0
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**Total MU Area 66.9**

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
83	WD07-2	Timber Production	None	14.7	2.2	7.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
87	WD07-3	Timber Production	None	4.8	0.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84	WD07-4	Timber Production	None	3.7	0.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
85	WD07-4	Timber Production	None	1.0	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
86	WD07-4	Timber Production	None	1.5	0.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
43	WD07-7	Biodiversity	Statutory Designat	58.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	16.7	11.2	0.0	0.0
71	WD07-7	Timber Production	None	2.5	0.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82	WD07-7	Timber Production	None	29.9	3.0	18.8	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118	WD07-7	Timber Production	None	6.6	0.7	4.7	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	WD07-8	Biodiversity	None	8.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	2.1	1.4	0.0	0.0



91	WD07-8	Biodiversity	Statutory Designat	4.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.2	0.8	0.0	0.0
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**Total MU Area 136.9**

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	
90	WD07-1	Timber Production	None	7.2	0.7	5.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97	WD07-3	Timber Production	None	8.1	0.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	
98	WD07-3	Timber Production	None	18.9	0.9	12.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
99	WD07-3	Timber Production	None	2.1	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
38	WD07-4	Timber Production	None	2.0	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
94	WD07-4	Timber Production	None	5.3	0.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
95	WD07-4	Timber Production	None	3.5	0.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
93	WD07-6	Timber Production	Water Supply	5.9	0.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
92	WD07-8	Biodiversity	None	7.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	1.7	1.1	0.0	0.0	
<b>Total MU Area</b>				<b>60.1</b>														





110	WD07-4	Timber Production	None	1.6	0.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
126	WD07-5	Timber Production	None	9.3	0.9	5.9	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
105	WD07-9	Biodiversity	Statutory Designat	9.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	2.2	1.5	0.0	0.0

**Total MU Area 100.1**

<b>2010</b>																		
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Area (ha)</b>													
					<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>	
121	WD07-2	Timber Production	None	7.0	1.1	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	WD07-4	Timber Production	Experimentation	2.6	0.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
123	WD07-4	Timber Production	None	5.6	0.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
119	WD07-5	Timber Production	None	4.4	0.7	3.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	
120	WD07-5	Timber Production	None	19.3	2.9	13.1	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	
<b>Total MU Area</b>				<b>38.9</b>														