



Coillte Teoranta

# Forest Management Plan

Portlaw

WD03

2006 to 2010

District Manager

Liam Cleary

District

S1



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# Introduction

Forest:           WD03                                   Portlaw  
District:         S1                               District Manager       Liam Cleary

Portlaw forest is situated in North County Waterford. The River Suir passes close by the forest boundary. The River Clodiagh also passes close to the forest.

The main soil type in Portlaw are Brown Podsoles.

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

The management focus for the forest is concerned with timber production. The forest mainly consists of second rotation crops. There are also some old woodland sites and biodiversity areas in the forest which will be maintained for biodiversity in the long term.

2006 - 3.6 ha, 2007 - 20.7 ha, 2008 - 15.5 ha, 2009 - 27 ha

2006 - 949 m<sup>3</sup>, 2007 - 5748 m<sup>3</sup>, 2008 - 3783 m<sup>3</sup>, 2009 - 5993 m<sup>3</sup>, 2010 - 2937 m<sup>3</sup>.

Standard - 57%, Local -27.7%, 3 Thinnings - 6.2%, 2 Thinnings - 4.3%, Solitary Thin -2.2%, No Thin 2.6%

The forest contains 2 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**

Forest:	WD03	Portlaw	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,116.7	91.1%
Biodiversity		105.2	8.6%
Conservation		3.8	0.3%
<b>Total</b>		<b>1,225.7</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>WD03</b>	<b>Portlaw</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Archaeology		18.3	1.5%
Experimentation		6.6	0.5%
Fisheries Protection		24.8	2.0%
Long-term Leased		807.8	65.9%
None		368.2	30.0%
<b>Total</b>		<b>1,225.7</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: WD03

Portlaw

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	2.1	
2007	22.2	
2008	15.5	
2009	27.0	
<b><u>5 Year Total and Average</u></b>	<b><u>66.8</u></b>	<b><u>8.35</u></b>
2010	7.0	
2011	11.9	
2012	14.7	
2013	10.8	
2014	25.0	
<b><u>5 Year Total and Average</u></b>	<b><u>69.3</u></b>	<b><u>6.93</u></b>
2015	9.5	
2016	2.8	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	12.0	
2018	0.9	
2019	10.6	
<u>5 Year Total and Average</u>	<u>35.8</u>	<u>3.58</u>
2020	8.8	
2021	0.0	
2022	3.3	
2023	8.1	
2024	23.6	
<u>5 Year Total and Average</u>	<u>43.7</u>	<u>5.47</u>

**Table 4 Area by Species Group**

Forest:	WD03	Portlaw	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ASH	10.4	0.9
	BE	39.7	3.4
	BI	39.5	3.4
	DF	224.9	19.5
	FIR	18.1	1.6
	LAR	60.7	5.3
	LP	32.3	2.8
	NS	50.4	4.4
	OAK	26.4	2.3
	OB	28.2	2.4
	OC	0.6	0.1
	OP	86.2	7.5
	SS	525.1	45.5
	WRC	12.5	1.1
		<b>1,155.0</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: **WD03** Portlaw

<b>2006</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
81	WD03-7	Timber Production	Long-term Lease	2.1	0.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
<b>Total MU Area</b>				<b>2.1</b>															
<b>2007</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
86	WD03-1	Timber Production	None	3.1	0.6	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0		
82	WD03-2	Timber Production	Long-term Lease	1.5	0.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
91	WD03-6	Timber Production	Long-term Lease	5.3	1.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
89	WD03-7	Timber Production	Long-term Lease	7.1	1.1	4.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	WD03-8	Timber Production	None	5.2	0.8	2.9	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total MU Area</b>				<b>22.2</b>															
<b>2008</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				



93	WD03-1	Timber Production	None	6.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	1.2	0.0	0.0
95	WD03-2	Timber Production	Long-term Lease	6.5	1.0	0.0	0.0	0.0	1.4	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
92	WD03-5	Timber Production	None	3.0	0.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Total MU Area 15.5**

<b>2009</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>	
101	WD03-1	Timber Production	Archaeology	3.9	0.6	3.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
104	WD03-2	Timber Production	Long-term Lease	2.5	0.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
96	WD03-5	Timber Production	None	1.8	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
97	WD03-5	Timber Production	None	6.1	1.2	2.9	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
98	WD03-5	Timber Production	Fisheries Protect	5.2	1.0	2.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
102	WD03-7	Timber Production	Long-term Lease	3.5	0.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	WD03-8	Timber Production	Long-term Lease	4.0	0.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	
<b>Total MU Area</b>				<b>27.0</b>													



2010				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
105	WD03-6	Timber Production	Long-term Lease	3.9	0.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188	WD03-7	Timber Production	Long-term Lease	3.0	0.5	2.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>7.0</b>													