



Coillte Teoranta

# Forest Management Plan

Kilmacthomas

WD05

2006 to 2010

District Manager

Liam Cleary

District

S1



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# Introduction

Forest:           WD05                                   Kilmacthomas  
District:         S1                               District Manager       Liam Cleary

Kilmacthomas forest is situated in East County Waterford. The forest is located in the Comeragh. The mahon river flows through the town of Kilmacthomas and enters the sea at Bunmahon.

The main soil type in Kilmacthomas are Podsols on the upper slopes and gleys on the more level properties closer to the coast.

The main towns and villages located in the catchment area of Kilmacthomas forest are Kilmacthomas, radbally and Bunmahon.

The management focus for the forest is concerned with timber production however there are biodiversity and amenity areas within the forest. The upland afforested area mostly adjoins an NHA area.

2006 - 132.3 ha, 2007 - 67.9 ha, 2008 - 44.1 ha, 2009 - 93.2 ha

2006 - 31232 m3, 2007 - 16135 m3, 2008 - 15129 m3, 2009 - 19417 m3, 2010 - 5687 m3

Standard - 57.8%, Local -19.3%, 3 Thinnings - 1.7%, 2 Thinnings - 7%, Solitary Thin -6.8%, No Thin 7.4%

The forest contains 1 and 5 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:	WD05	Kilmacthomas	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		2,458.2	86.5%
Biodiversity		248.4	8.7%
Non-forest Commercial		113.7	4.0%
Christmas Tree Production		22.5	0.8%
<b>Total</b>		<b>2,842.7</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>WD05</b>	<b>Kilmacthomas</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Experimentation		16.6	0.6%
Farm Partnership		63.7	2.2%
Legal		185.3	6.5%
None		2,563.4	90.2%
Recreation Site		4.5	0.2%
Statutory Designation		9.2	0.3%
<b>Total</b>		<b>2,842.7</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest:** WD05

Kilmacthomas

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	149.8	
2007	53.5	
2008	44.1	
2009	93.2	
<b><u>5 Year Total and Average</u></b>	<b><u>340.7</u></b>	<b><u>42.59</u></b>
2010	33.4	
2011	32.9	
2012	39.0	
2013	47.2	
2014	30.1	
<b><u>5 Year Total and Average</u></b>	<b><u>182.7</u></b>	<b><u>18.27</u></b>
2015	3.0	
2016	44.5	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	17.9	
2018	8.3	
2019	27.9	
<b><u>5 Year Total and Average</u></b>	<b><u>101.7</u></b>	<b><u>10.17</u></b>
2020	28.7	
2021	12.6	
2022	44.1	
2023	117.9	
2024	10.2	
<b><u>5 Year Total and Average</u></b>	<b><u>213.5</u></b>	<b><u>23.72</u></b>

**Table 4 Area by Species Group**

Forest:	WD05	Kilmacthomas	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	8.6	0.3
	ASH	6.0	0.2
	BE	38.5	1.5
	BI	30.3	1.2
	DF	23.5	0.9
	FIR	50.0	2.0
	LAR	175.7	6.9
	LP	488.1	19.2
	NS	130.8	5.1
	OAK	6.3	0.2
	OB	24.1	0.9
	OC	4.0	0.2
	OP	58.0	2.3
	SS	1,491.0	58.7
	WRC	7.0	0.3
		<b>2,542.0</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: WD05 Kilmacthomas

2006 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
7	WD05-5	Biodiversity	None	14.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	3.7	0.0	0.0	0.0
169	WD05-8	Timber Production	None	7.3	1.1	5.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,104	WD05-8	Timber Production	None	10.3	1.6	7.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
106	WD05-9	Timber Production	Legal	6.8	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
36	WD05-11	Biodiversity	None	3.1	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
,108	WD05-11	Timber Production	None	17.5	2.6	12.6	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
,109	WD05-12	Timber Production	None	14.0	2.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
144	WD05-16	Timber Production	None	1.8	0.3	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102	WD05-17	Timber Production	None	10.6	1.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,101	WD05-17	Timber Production	None	9.7	1.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0





,116	WD05-17	Timber Production	None	5.4	0.8	3.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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,117	WD05-17	Timber Production	None	6.2	0.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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**Total MU Area 53.5**

**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

120	WD05-1	Timber Production	None	11.3	1.1	6.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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,117	WD05-2	Timber Production	None	2.0	0.2	1.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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,124	WD05-8	Timber Production	None	13.8	2.1	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
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,116	WD05-12	Timber Production	None	1.2	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
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122	WD05-17	Timber Production	None	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
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126	WD05-19	Timber Production	None	8.5	1.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
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**Total MU Area 44.1**

**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

6	WD05-5	Timber Production	None	7.8	0.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
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,124	WD05-6	Timber Production	None	9.1	1.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
18	WD05-7	Timber Production	None	10.5	1.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
136	WD05-9	Timber Production	None	12.1	1.8	8.2	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	WD05-16	Timber Production	None	14.3	2.1	0.0	9.7	0.0	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132	WD05-19	Timber Production	None	21.2	3.2	9.0	5.4	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139	WD05-20	Timber Production	None	18.2	2.7	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Total MU Area 93.2**

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
,125	WD05-4	Timber Production	None	7.9	0.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
145	WD05-9	Timber Production	Legal	16.6	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
134	WD05-19	Timber Production	None	4.6	0.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109	WD05-20	Timber Production	None	4.3	0.7	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>33.4</b>													

