



Coillte Teoranta

# Forest Management Plan

Cullenagh

LS13

2006 to 2010

District Manager

District

Richard Whelan

E3



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# Introduction

Forest: LS13

Cullenagh

District: E3

District Manager

Richard Whelan

Cullenagh forest is situated in Co. Laois

The main soil type in Cullenagh are Surface water Gley, small areas Shallow Peat

The main towns and villages located in the catchment area of Cullenagh forest are Ballyroan, Timahoe, The Swan

The management focus for the forest is concerned with Timber production

Long Term Goal is: Timber production

The forest contains 4 and 1 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	1,212.1	97.0%
Biodiversity	37.5	3.0%
<b>Total</b>	<b>1,249.6</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	LS13	Cullenagh	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Experimentation		2.7	0.2%
Farm Partnership		110.3	8.8%
Long-term Leased		19.4	1.6%
None		1,114.5	89.2%
Water Supply		2.7	0.2%
<b>Total</b>		<b>1,249.6</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: LS13

Cullenagh

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	43.5	
2007	15.1	
2008	8.5	
2009	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>67.1</u></b>	<b><u>9.59</u></b>
2010	5.0	
2011	20.2	
2012	0.0	
2013	0.0	
2014	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>25.2</u></b>	<b><u>3.60</u></b>
2015	26.5	
2016	19.4	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	34.8	
2018	29.1	
2019	27.6	
<b><u>5 Year Total and Average</u></b>	<b><u>137.4</u></b>	<b><u>13.74</u></b>
2020	39.3	
2021	21.1	
2022	35.7	
2023	24.1	
2024	55.1	
<b><u>5 Year Total and Average</u></b>	<b><u>175.4</u></b>	<b><u>19.48</u></b>

**Table 4 Area by Species Group**

Forest:	LS13	Cullenagh	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	7.3	0.7
	ASH	9.9	0.9
	BE	14.4	1.3
	BI	0.8	0.1
	DF	2.3	0.2
	FIR	6.0	0.6
	LAR	38.4	3.5
	LP	2.6	0.2
	NS	82.5	7.6
	OAK	5.3	0.5
	OB	5.6	0.5
	OP	4.0	0.4
	SS	904.6	83.5
	WRC	0.3	0.0
		<b>1,083.9</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: LS13 Cullenagh

<b>2006</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>
86	LS13-1	Timber Production	None	1.4	0.2	0.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	LS13-2	Timber Production	None	25.8	3.9	17.6	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
2	LS13-9	Biodiversity	None	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0
52	LS13-9	Timber Production	None	8.4	1.3	2.9	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	LS13-9	Timber Production	None	5.9	0.9	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>43.5</b>													
<b>2007</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>
54	LS13-9	Timber Production	None	1.7	0.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61	LS13-9	Timber Production	None	13.4	2.0	9.1	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>15.1</b>													



<b>2008</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>		
57	LS13-9	Timber Production	None	8.5	1.3	5.8	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total MU Area</b>				<b>8.5</b>														
<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>		
37	LS13-2	Timber Production	None	5.0	0.7	3.2	0.0	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0		
<b>Total MU Area</b>				<b>5.0</b>														

