



Coillte Teoranta

Forest Management Plan

Lough Atorick

CE03

2006 to 2010

District Manager

Joe Duffy

District

W1



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Introduction

Forest: CE03 Lough Atorick
District: W1 District Manager Joe Duffy

Lough Atorick forest is situated in north-east Clare, on the Slieve Aughty hills surrounding Lough Atorick. The forest is drained mainly by the Bleach river and its tributaries.

The main soil type in Lough Atorick are peat and peaty podsols.

The main towns and villages located in the catchment area of Lough Atorick forest are Caher and Flagmount.

The management focus for the forest is concerned with timber production. There is a high density of conifer forest due mainly to its unsuitability for agriculture.

Over the next 20 years the average area clearfelled will amount to 99ha per annum. This amounts to 1.95% of the forest estate area.

The clearfell volume amounts to 165,000m³ between 2005-2010 inclusive. This amounts to 313m³ per hectare.

60% of the forest is classed as 'no thin' or 'solitary thin' due to instability, pine crops and low yield class poor form SS.

The forest contains 0 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:	CE03	Lough Atorick	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		4,070.9	80.4%
Biodiversity		958.9	18.9%
Conservation		1.5	0.0%
Non-forest Commercial		17.2	0.3%
Seed Stand		12.1	0.2%
Total		5,060.5	100.0%



Table 2 Area by Special Consideration

Forest:

CE03

Lough Atorick

<u>SPECIAL CONSIDERATION</u>	<u>AREA (ha)</u>	<u>%</u>
Experimentation	6.5	0.1%
Farm Partnership	17.8	0.4%
Fisheries Protection	14.9	0.3%
Legal	219.3	4.3%
NWS	0.5	0.0%
None	4,764.8	94.2%
Old Woodland Site	5.3	0.1%
Water Supply	31.5	0.6%
<hr/> Total	<hr/> 5,060.5	<hr/> 100.0%



Table 3 Area by Fell Year

Forest: CE03

Lough Atorick

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	130.5	
2007	110.8	
2008	147.5	
2009	81.7	
<u>5 Year Total and Average</u>	<u>470.5</u>	<u>58.82</u>
2010	86.4	
2011	61.1	
2012	132.2	
2013	99.3	
2014	87.7	
<u>5 Year Total and Average</u>	<u>466.8</u>	<u>46.68</u>
2015	107.1	
2016	34.4	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	77.1	
2018	95.7	
2019	98.9	
<u>5 Year Total and Average</u>	<u>413.1</u>	<u>41.31</u>
2020	197.7	
2021	54.4	
2022	94.5	
2023	49.7	
2024	128.0	
<u>5 Year Total and Average</u>	<u>524.3</u>	<u>58.25</u>

Table 4 Area by Species Group

Forest:	CE03	Lough Atorick	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	12.2	0.3
	ASH	13.8	0.3
	BE	7.8	0.2
	BI	44.2	1.0
	DF	4.1	0.1
	FIR	11.9	0.3
	LAR	88.4	1.9
	LP	724.6	15.8
	NS	22.7	0.5
	OAK	5.4	0.1
	OB	12.5	0.3
	OC	0.7	0.0
	OP	3.4	0.1
	SS	3,632.6	79.2
	WRC	0.5	0.0
		4,584.8	100.0



368	CE03-8	Timber Production	None	11.4	1.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
378	CE03-8	Timber Production	None	17.9	1.8	12.9	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
614	CE03-11	Timber Production	None	11.8	1.2	8.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
616	CE03-11	Biodiversity	None	0.5	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
180	CE03-13	Timber Production	None	19.8	1.0	16.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
147	CE03-15	Timber Production	None	3.8	0.4	2.4	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256	CE03-16	Timber Production	None	14.1	1.4	6.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
257	CE03-16	Biodiversity	None	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	CE03-21	Timber Production	None	16.0	0.8	13.7	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
35	CE03-1,5	Timber Production	None	8.8	0.4	8.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 147.5

2009		Area (ha)															
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
408	CE03-1	Timber Production	None	22.6	2.3	16.3	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0

