



Coillte Teoranta

Forest Management Plan

Glenealy

WW08

2006 to 2010

District Manager

Tom Lyng

District

E1



Table of Contents

	Introduction
Table 1	Area by Objective
Table 2	Area by Special Consideration
Table 3	Area by Fell Year
Table 4	Area by Species Group
Table 5	Listing of Restocking MUs

Map 3.1 Location Map

Map 3.2 Clearfell Areas

Map 3.3 Thinning Areas

Map 3.4 Restocking Map



Introduction

Forest: WW08 Glenealy
District: E1 District Manager Tom Lyng

Glenealy forest is situated in an open forest valley which extends from Rathnew, Ashford, Annamoe, Roundwood lakes, Trooperstown and to Rathdrum in the west, with Carrick mountain 430 metres high in the centre of the forest area.

The main soil type in Glenealy are Brown earths and podsols make up the vast majority of soils in the forest. Gley soils are generally in low lying areas at the edges of rivers and streams, lithosols are prevalent in Ballymanus forest property area. The catchment areas are the Roundwood lakes, Vartry and Avonmore rivers which enter the sea at Wickow and Arklow. These rivers are not considered acid sensitive.

The main towns and villages located in the catchment area of Glenealy forest are Rathdrum, Roundwood, Glenealy, Ashford, Rathnew, and Trooperstown village

The management focus for the forest is concerned with timber production 85%, and is a very diverse and ecologically rich landscape wedged between the Irish Sea and the Wicklow mountains on the west. This is a very heavily populated expanding dormitory area for the capital city of Dublin.

These factors will influence management policy and put a premium on the provision of recreational facilities, the maintenance of a high forest and ecological diversity and the application of good quality forest design.

The forest contains 18 and 10 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:	WW08	Glenealy	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		2,529.6	84.9%
Biodiversity		430.5	14.4%
Non-forest Commercial		3.0	0.1%
Recreation		1.6	0.1%
Seed Stand		15.4	0.5%
Total		2,980.1	100.0%



Table 2 Area by Special Consideration

Forest:	WW08	Glenealy	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access County Road		1.1	0.0%
Archaeology		5.6	0.2%
Expensive Access Road		4.9	0.2%
Experimentation		16.8	0.6%
NWS		1.5	0.1%
None		2,375.8	79.7%
Old Woodland Site		123.1	4.1%
Recreation Site		2.1	0.1%
Statutory Designation		448.4	15.0%
Water Supply		0.8	0.0%
Total		2,980.1	100.0%



Table 3 Area by Fell Year

Forest: WW08

Glenealy

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	20.2	
2007	69.5	
2008	83.1	
2009	88.2	
<u>5 Year Total and Average</u>	<u>261.1</u>	<u>32.64</u>
2010	51.7	
2011	6.3	
2012	16.7	
2013	26.0	
2014	44.6	
<u>5 Year Total and Average</u>	<u>145.4</u>	<u>14.54</u>
2015	8.7	
2016	22.3	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	51.5	
	2018	110.1	
	2019	4.5	
<u>5 Year Total and Average</u>		<u>197.0</u>	<u>19.70</u>
	2020	32.0	
	2021	35.8	
	2022	42.2	
	2023	22.6	
	2024	11.0	
<u>5 Year Total and Average</u>		<u>143.6</u>	<u>15.95</u>

Table 4 Area by Species Group

Forest:	WW08	Glenealy	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	6.6	0.2
	ASH	23.3	0.8
	BE	48.9	1.7
	BI	64.0	2.2
	DF	531.4	18.7
	FIR	55.8	2.0
	LAR	249.0	8.8
	LP	66.6	2.3
	NS	139.0	4.9
	OAK	157.8	5.5
	OB	49.9	1.8
	OC	6.5	0.2
	OP	355.4	12.5
	SS	1,062.7	37.4
	WRC	27.3	1.0
		2,844.1	100.0



23	WW08-10	Timber Production	None	1.8	0.3	0.0	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137	WW08-11	Timber Production	Old Woodland Si	7.1	1.1	0.0	0.0	0.0	0.0	5.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0
136	WW08-13	Timber Production	None	1.5	0.2	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
172	WW08-17	Timber Production	Statutory Designat	10.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152	WW08-18	Timber Production	None	10.4	1.6	7.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222	WW08-18	Timber Production	None	5.0	0.8	3.4	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,084	WW08-20	Timber Production	Statutory Designat	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,089	WW08-20	Timber Production	Statutory Designat	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125	WW08-25	Timber Production	None	0.8	0.1	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357	WW08-25	Timber Production	None	13.4	2.0	0.0	0.0	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 83.1

2009																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
143	WW08-7	Timber Production	None	1.1	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	



144	WW08-7	Timber Production	Experimentation	8.4	1.3	3.6	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179	WW08-7	Timber Production	None	0.8	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
,124	WW08-7	Timber Production	None	15.2	2.3	9.7	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154	WW08-9	Timber Production	Statutory Designat	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
169	WW08-9	Timber Production	None	0.7	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355	WW08-9	Timber Production	None	1.8	0.3	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129	WW08-15	Timber Production	None	3.3	0.5	0.0	0.0	0.0	0.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138	WW08-17	Timber Production	None	35.6	5.3	6.1	0.0	15.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	WW08-18	Timber Production	None	14.1	2.1	4.8	0.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74	WW08-19	Timber Production	None	0.9	0.1	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,083	WW08-20	Timber Production	Statutory Designat	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
,100	WW08-20	Timber Production	Statutory Designat	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 88.2



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	
148	WW08-4	Timber Production	None	8.6	1.3	0.0	0.0	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
155	WW08-7	Timber Production	None	2.5	0.4	0.0	0.0	0.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
324	WW08-7	Timber Production	None	0.9	0.1	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
159	WW08-9	Timber Production	None	0.6	0.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
182	WW08-9	Timber Production	None	1.6	0.2	0.0	0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	WW08-10	Timber Production	None	10.4	1.6	0.0	0.0	0.0	1.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
46	WW08-16	Timber Production	None	16.5	2.5	0.0	0.0	0.0	2.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
59	WW08-16	Seed Stand	None	5.1	0.8	0.0	0.0	0.0	0.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
276	WW08-22	Timber Production	None	5.5	0.8	3.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				51.7														