



Coillte Teoranta

Forest Management Plan

Avonmore

WW09

2006 to 2010

District Manager

Tom Lyng

District

E1



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Introduction

Forest: WW09 Avonmore
District: E1 District Manager Tom Lyng

Avonmore forest is situated in the catchment area of Avonmore, Avonbeg, Aughrim, and Avoca rivers, the forest areas are mainly in the valleys, and the slopes of the intervening hills between these rivers.

The main soil type in Avonmore are mainly brown earths, brown podsolics, and acid brown earths with local shale and mica schists on the higher slopes. Gleys account for 10% only of the area.

The main towns and villages located in the catchment area of Avonmore forest are Rathdrum, Arkow, and the villages of Avoca, Ballycoog, Woodenbridge

The management focus for the forest is concerned with timber production (74%), biodiversity at 24.2 % is unusually high, will be included in future management plans.

Species diversification, landscape design and recreational needs will be taken into account when drawing up these plans.

The forest contains 17 and 7 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:	WW09	Avonmore	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		2,023.6	73.3%
Biodiversity		662.9	24.0%
Conservation		31.9	1.2%
Non-forest Commercial		0.3	0.0%
Christmas Tree Production		1.7	0.1%
Seed Stand		16.9	0.6%
No active management		24.0	0.9%
Total		2,761.3	100.0%

Table 2 Area by Special Consideration

Forest:	WW09	Avonmore	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		9.6	0.3%
Archaeology		0.2	0.0%
Expensive Access Road		14.6	0.5%
Experimentation		28.6	1.0%
Farm Partnership		39.4	1.4%
Fisheries Protection		4.5	0.2%
High Landscape Sensitivity		40.8	1.5%
Legal		25.9	0.9%
NWS		66.1	2.4%
None		1,559.2	56.5%
Old Woodland Site		690.2	25.0%
Statutory Designation		192.5	7.0%
Water Supply		20.7	0.8%
Wildlife		68.7	2.5%

Total

2,761.3

100.0%



Table 3 Area by Fell Year

Forest: WW09

Avonmore

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	51.9	
2007	181.5	
2008	120.1	
2009	43.7	
<u>5 Year Total and Average</u>	<u>397.3</u>	<u>49.66</u>
2010	118.8	
2011	49.0	
2012	23.4	
2013	37.0	
2014	8.0	
<u>5 Year Total and Average</u>	<u>236.1</u>	<u>23.61</u>
2015	37.5	
2016	32.2	
2017	10.7	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2018	32.8	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>113.2</u>	<u>12.57</u>
	2020	59.4	
	2021	0.0	
	2022	70.0	
	2023	1.6	
	2024	33.1	
<u>5 Year Total and Average</u>		<u>164.0</u>	<u>20.50</u>

Table 4 Area by Species Group

Forest:	WW09	Avonmore	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	17.6	0.7
	ASH	74.1	2.9
	BE	114.6	4.5
	BI	75.4	3.0
	DF	307.9	12.1
	FIR	57.6	2.3
	LAR	174.1	6.9
	LP	37.0	1.5
	NS	169.5	6.7
	OAK	192.0	7.6
	OB	61.9	2.4
	OC	14.9	0.6
	OP	195.3	7.7
	SS	1,005.2	39.6
	WRC	43.0	1.7
		2,540.0	100.0



Table 5 Listing of Restocking MUs

Forest: WW09 Avonmore

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
147	WW09-1	Timber Production	None	12.9	1.9	8.8	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69	WW09-13	Timber Production	None	1.5	0.2	0.0	0.0	0.3	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
244	WW09-13	Timber Production	None	8.4	1.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247	WW09-13	Seed Stand	None	1.7	0.3	0.9	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93	WW09-14	Timber Production	None	1.8	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
162	WW09-20	Biodiversity	Old Woodland Si	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
201	WW09-22	Timber Production	None	3.2	0.5	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.5	0.0	0.0	0.0	0.0
168	WW09-23	Timber Production	Old Woodland Si	7.9	1.2	0.0	0.0	2.7	0.7	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
240	WW09-23	Timber Production	Old Woodland Si	2.9	0.4	0.0	0.0	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264	WW09-23	Biodiversity	Water Supply	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	1.3	0.0



59	WW09-10,	Timber Production	None	5.6	0.8	3.8	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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Total MU Area 51.9

2007 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)													
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB	
5	WW09-1	Timber Production	None	15.8	4.8	19.0	0.0	2.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
152	WW09-6	Timber Production	None	13.1	2.0	8.9	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
123	WW09-20	Timber Production	None	3.2	0.5	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
158	WW09-20	Biodiversity	Old Woodland Si	82.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
178	WW09-22	Timber Production	None	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	
183	WW09-23	Timber Production	Old Woodland Si	7.7	1.2	0.0	0.0	2.0	1.3	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	
192	WW09-23	Biodiversity	Statutory Designat	30.1	4.5	0.0	0.0	7.7	5.1	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	
195	WW09-23	Timber Production	Old Woodland Si	19.4	2.9	0.0	0.0	8.2	3.3	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	
95	WW09-10,	Timber Production	None	9.1	1.4	6.2	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				181.5														



227	WW09-19	Timber Production	None	7.3	1.1	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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274	WW09-24	Timber Production	Old Woodland Si	2.1	0.3	0.0	0.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 120.1

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
2	WW09-5	Timber Production	None	3.2	0.5	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188	WW09-8	Timber Production	None	12.6	1.9	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193	WW09-23	Timber Production	Old Woodland Si	14.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	7.6	0.0	0.0	0.0
269	WW09-23	Timber Production	Old Woodland Si	13.0	2.0	0.0	0.0	0.0	1.7	8.3	0.0	1.1	0.0	0.0	0.0	0.0	0.0

Total MU Area 43.7

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
4	WW09-1	Timber Production	None	4.0	0.8	2.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289	WW09-1	Timber Production	None	17.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260	WW09-2	Conservation	Statutory Designat	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	0.0

