



Coillte Teoranta

Forest Management Plan

Violet Hill

CE06

2006 to 2010

District Manager

Joe Duffy

District

W1



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Introduction

Forest: CE06 Violet Hill
District: W1 District Manager Joe Duffy

Violet Hill forest is situated in south-east Clare. The main river catchments within the forest are the Killuran and Broadford rivers.

The main soil type in Violet Hill are gleys and podsols with a little blanket peat.

The main towns and villages located in the catchment area of Violet Hill forest are Broadford, Cratloe & Sixmilebridge.

The management focus for the forest is concerned with timber production. The management objective is to develop suitable silvicultural systems which are compatible with local habitat.

Over the next 20 years the average area being clearfelled amounts to 35ha per annum. This is under 1.3% of the overall forest area each year.

The expected clearfell production in the forest is 59,000m³ between 2006-2010 inclusive. This is an average of 340m³ per hectare.

Due to unstable sites and pine crops (9%) the area categorised as 'no thin' amounts to 38%. 44% of the forest will be thinned to STD specification.

The forest contains 5 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	1,978.8	72.1%
Biodiversity	740.2	27.0%
Conservation	14.3	0.5%
Non-forest Commercial	11.9	0.4%
Total	2,745.2	100.0%



Table 2 Area by Special Consideration

Forest:	CE06	Violet Hill	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		14.6	0.5%
Fisheries Protection		60.0	2.2%
High Landscape Sensitivity		13.8	0.5%
Legal		31.8	1.2%
None		1,912.9	69.7%
Old Woodland Site		161.7	5.9%
Potential Sale		9.3	0.3%
Recreation Site		404.0	14.7%
Statutory Designation		137.1	5.0%
Total		2,745.2	100.0%



Table 3 Area by Fell Year

Forest: CE06

Violet Hill

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	51.7	
2007	50.6	
2008	20.5	
2009	32.3	
<u>5 Year Total and Average</u>	<u>155.2</u>	<u>19.40</u>
2010	37.1	
2011	167.4	
2012	43.7	
2013	40.5	
2014	0.0	
<u>5 Year Total and Average</u>	<u>288.7</u>	<u>32.08</u>
2015	36.4	
2016	19.7	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	23.0	
2018	27.2	
2019	16.1	
<u>5 Year Total and Average</u>	<u>122.4</u>	<u>12.24</u>
2020	24.4	
2021	50.2	
2022	19.4	
2023	34.9	
2024	81.0	
<u>5 Year Total and Average</u>	<u>209.9</u>	<u>23.33</u>

Table 4 Area by Species Group

Forest:	CE06	Violet Hill	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	17.8	0.7
	ASH	97.2	3.7
	BE	106.9	4.1
	BI	66.6	2.6
	DF	13.0	0.5
	FIR	8.6	0.3
	LAR	89.0	3.4
	LP	220.2	8.5
	NS	144.4	5.5
	OAK	39.6	1.5
	OB	37.5	1.4
	OP	101.2	3.9
	SS	1,660.6	63.8
	WRC	2.0	0.1
		2,604.5	100.0



Table 5 Listing of Restocking MUs

Forest: CE06 Violet Hill

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
89	CE06-3	Timber Production	None	12.3	1.2	8.3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0		
49	CE06-4	Timber Production	None	12.2	1.2	8.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0		
84	CE06-5	Timber Production	None	18.2	1.8	13.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0		
120	CE06-6	Timber Production	None	1.7	0.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0		
269	CE06-9	Timber Production	None	7.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				51.7															
2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
1	CE06-1	Biodiversity	Statutory Designat	1.8	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0		
86	CE06-4	Timber Production	None	25.6	2.6	13.8	4.6	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0		
131	CE06-5	Timber Production	None	18.5	1.9	13.3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0		



153	CE06-7	Timber Production	None	4.7	0.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	
Total MU Area				50.6														
2008																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)		OC	Oak	BE	Ash	BI	Ald	OB	
									LAR	FIR								
16	CE06-2	Timber Production	None	20.5	2.1	12.9	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	
Total MU Area				20.5														
2009																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)		OC	Oak	BE	Ash	BI	Ald	OB	
									LAR	FIR								
14	CE06-1	Biodiversity	Statutory Designat	4.6	1.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.3	0.0	
50	CE06-4	Timber Production	None	13.6	1.4	9.8	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	
187	CE06-13	Biodiversity	Old Woodland Si	14.1	2.1	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	
Total MU Area				32.3														
2010																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)		OC	Oak	BE	Ash	BI	Ald	OB	
									LAR	FIR								
69	CE06-4	Timber Production	None	13.9	1.4	7.5	2.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	
191	CE06-13	Biodiversity	Old Woodland Si	9.4	1.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	

