



Coillte Teoranta

Forest Management Plan

Lisdowney

KK01

2006 to 2010

District Manager

Michael Power

District

E2



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Introduction

Forest: KK01 Lisdowney
District: E2 District Manager Michael Power

Lisdowney forest is situated in North West Kilkenny

The main soil type in Lisdowney are brown earth / gleys on low lying areas, and podsols and lithosols on higher areas of Slieveardagh hills

The main towns and villages located in the catchment area of Lisdowney forest are Johnstown, Urlingford, Ballyragget and Freshford. The total area of Coillte forest in Lisdowney is 1343 ha and the total land area is 39,763 ha. The forest contains 146 management units, 22 of these are being managed for biodiversity. There is a high diversity of species in this forest, from old hardwoods, to mixed conifer and pure conifer plantations. Broadleaves make up 15% of this MU. 27% of the plantations in this forest are managed under the Coillte / Farm Partnership scheme. Jenkinstown Amenity Park is situated in the south east of this forest.

The management focus for the forest is concerned with timber production. The long term goal for the forest is that all forest operations are carried out to high environmental, social and economic standards.

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

Forest:	KK01	Lisdowney	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,190.0	88.6%
Biodiversity		144.1	10.7%
Recreation		7.1	0.5%
Seed Stand		1.6	0.1%
Total		1,342.8	100.0%



Table 2 Area by Special Consideration

Forest:	KK01	Lisdowney	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		28.3	2.1%
Expensive Access Road		25.6	1.9%
Farm Partnership		362.5	27.0%
Fisheries Protection		1.5	0.1%
None		624.5	46.5%
Old Woodland Site		274.3	20.4%
Recreation Site		13.0	1.0%
Statutory Designation		11.8	0.9%
Wildlife		1.3	0.1%
Total		1,342.8	100.0%



Table 3 Area by Fell Year

Forest: KK01

Lisdowney

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	21.0	
2007	4.5	
2008	18.8	
2009	27.2	
<u>5 Year Total and Average</u>	<u>71.4</u>	<u>8.92</u>
2010	0.0	
2011	14.4	
2012	45.7	
2013	22.3	
2014	8.3	
<u>5 Year Total and Average</u>	<u>90.6</u>	<u>10.07</u>
2015	0.0	
2016	18.1	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	3.3	
2018	54.4	
2019	37.8	
<u>5 Year Total and Average</u>	<u>113.7</u>	<u>12.63</u>
2020	15.2	
2021	0.5	
2022	27.4	
2023	7.9	
2024	38.4	
<u>5 Year Total and Average</u>	<u>89.4</u>	<u>9.94</u>

Table 4 Area by Species Group

Forest:	KK01	Lisdowney	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.9	0.1
	ASH	65.8	5.1
	BE	72.3	5.6
	BI	8.9	0.7
	DF	24.6	1.9
	FIR	9.2	0.7
	LAR	44.2	3.4
	LP	29.5	2.3
	NS	255.2	19.8
	OAK	24.6	1.9
	OB	19.5	1.5
	OC	1.5	0.1
	OP	51.2	4.0
	SS	683.3	52.9
		1,290.9	100.0



Table 5 Listing of Restocking MUs

Forest: KK01 Lisdowney

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				
43	KK01-3	Timber Production	Old Woodland Si	16.9	2.5	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0		
156	KK01-3	Biodiversity	Old Woodland Si	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4	0.0	0.0	0.0		
Total MU Area				21.0															
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				
62	KK01-12	Biodiversity	None	4.5	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		
Total MU Area				4.5															
2008																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
45	KK01-4	Timber Production	None	18.8	1.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0		
Total MU Area				18.8															
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				
148	KK01-3	Biodiversity	Old Woodland Si	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.8	0.0	0.5	0.0		

