



Coillte Teoranta

Forest Management Plan

Lough Gill

SO02

2006 to 2010

District Manager

Eugene Griffin

District

N2



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Introduction

Forest: SO02 Lough Gill
District: N2 District Manager Eugene Griffin

Lough Gill forest is situated in on the shores of Lough Gill and in close proximity to Sligo town on the west and Dromahair on the east.Lough

Gill is the water supply source for Sligo and surrounding areas.

The main soil type in Lough Gill are Brown earth mineral soil over limestone with areas of rendzinas,podzols and blanket peat with rock outcrop.

The main towns and villages located in the catchment area of Lough Gill forest are Sligo town.

The management focus for the forest is concerned with One third of the area is designated for timber production.The remainder is bio diversity and conservation.All of the properties are used extensively for recreation.

Circa 125 ha is planned for clearfell for the period 2006 2010.

Circa 42% is standard thin and28% is no thin .The remaining area 30% is made up of solitary ,2thin and 3 thinnings.

The forest contains 0 and 0 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:	SO02	Lough Gill	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		214.8	32.1%
Biodiversity		410.1	61.4%
Conservation		25.2	3.8%
Non-forest Commercial		17.2	2.6%
Recreation		0.9	0.1%
Total		668.2	100.0%



Table 2 Area by Special Consideration

Forest:	SO02	Lough Gill	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		4.8	0.7%
Access County Road		54.5	8.2%
Fisheries Protection		5.6	0.8%
High Landscape Sensitivity		18.2	2.7%
Legal		65.3	9.8%
Life Project		24.2	3.6%
NWS		43.4	6.5%
None		125.6	18.8%
Old Woodland Site		158.0	23.6%
Other Financial Partner		3.4	0.5%
Potential Sale		17.2	2.6%
ROW Problems		15.6	2.3%
Recreation Site		45.8	6.9%
Statutory Designation		30.0	4.5%

Water Supply

56.8

8.5%

Total

668.2

100.0%

Table 3 Area by Fell Year

Forest: SO02

Lough Gill

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	64.1	
2008	26.4	
2009	0.0	
<u>5 Year Total and Average</u>	<u>90.5</u>	<u>15.08</u>
2010	19.3	
2011	41.3	
2012	0.0	
2013	0.0	
2014	0.0	
<u>5 Year Total and Average</u>	<u>60.6</u>	<u>8.65</u>
2015	0.0	
2016	0.0	
2017	0.0	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2018	7.0	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>7.0</u>	<u>1.17</u>
	2020	46.8	
	2021	0.0	
	2022	0.0	
	2023	0.0	
	2024	12.5	
<u>5 Year Total and Average</u>		<u>59.4</u>	<u>9.89</u>

Table 4 Area by Species Group

Forest:	SO02	Lough Gill	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	12.7	2.2
	ASH	31.0	5.4
	BE	47.5	8.3
	BI	29.6	5.1
	DF	13.3	2.3
	FIR	7.1	1.2
	LAR	18.4	3.2
	LP	20.1	3.5
	NS	42.5	7.4
	OAK	39.3	6.8
	OB	28.7	5.0
	OC	5.4	0.9
	OP	66.2	11.5
	SS	205.2	35.6
	WRC	8.4	1.5
		575.6	100.0



Table 5 Listing of Restocking MUs

Forest: SO02

Lough Gill

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				
2	SO02-5	Timber Production	Access County R	18.3	2.8	0.0	0.0	3.1	0.0	0.0	0.0	6.3	3.1	3.1	0.0	0.0	0.0		
21	SO02-7	Biodiversity	Recreation Site	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	SO02-7	Biodiversity	Recreation Site	17.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	0.0	3.0		
25	SO02-7	Biodiversity	Recreation Site	15.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	5.3	0.0	0.0	0.3		
Total MU Area				64.1															
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				
42	SO02-3	Timber Production	None	2.2	0.2	0.0	0.0	1.4	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0		
13	SO02-6	Timber Production	Access County R	20.8	3.1	0.0	0.0	5.3	5.3	0.0	0.0	5.3	0.0	0.0	1.8	0.0	0.0		
15	SO02-8	Biodiversity	Old Woodland Si	3.5	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				26.4															



2010				Area (ha)													
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
61	SO02-1	Timber Production	None	15.5	2.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.7	0.0	0.0
62	SO02-1	Biodiversity	Statutory Designat	3.8	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				19.3													

