



Coillte Teoranta

# Forest Management Plan

Scarriff

CE05

2006 to 2010

District Manager

Joe Duffy

District

W1



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# Introduction

Forest: CE05 Scarriff  
District: W1 District Manager Joe Duffy

Scarriff forest is situated in east Clare. From the southern Slieve Aughty hills to 5-7 miles south of Scarriff. It is drained by the Scarriff, Graney, Corra, and Inchalughoge rivers.

The main soil type in Scarriff are blanket peat and podsols.

The main towns and villages located in the catchment area of Scarriff forest are Scarriff, Bodyke & Tuamgraney.

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 64ha per annum. This is under 2% of the overall forest area each year.

The expected clearfell production in the forest is 124,500m<sup>3</sup> between 2006-2010 inclusive. This is an average of 385m<sup>3</sup> per hectare.

Due to unstable sites and pine crops (15%) the area categorised as 'no thin' amounts to 37%. 22% of the forest will be thinned to STD specification.

The forest contains 8 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     | 2,384.5          | 73.5%         |
| Biodiversity          | 827.2            | 25.5%         |
| Non-forest Commercial | 5.6              | 0.2%          |
| Seed Stand            | 26.4             | 0.8%          |
| <b>Total</b>          | <b>3,243.7</b>   | <b>100.0%</b> |

**Table 2 Area by Special Consideration**

| <b>Forest:</b>                      | CE05 | Scarriff                |                 |
|-------------------------------------|------|-------------------------|-----------------|
| <b><u>SPECIAL CONSIDERATION</u></b> |      | <b><u>AREA (ha)</u></b> | <b><u>%</u></b> |
| Experimentation                     |      | 3.1                     | 0.1%            |
| Farm Partnership                    |      | 1.1                     | 0.0%            |
| Fisheries Protection                |      | 376.2                   | 11.6%           |
| High Landscape Sensitivity          |      | 581.4                   | 17.9%           |
| Legal                               |      | 45.3                    | 1.4%            |
| Long-term Leased                    |      | 5.6                     | 0.2%            |
| None                                |      | 1,742.8                 | 53.7%           |
| Old Woodland Site                   |      | 89.4                    | 2.8%            |
| Potential Sale                      |      | 26.1                    | 0.8%            |
| Recreation Site                     |      | 3.4                     | 0.1%            |
| Statutory Designation               |      | 369.2                   | 11.4%           |
| <b>Total</b>                        |      | <b>3,243.7</b>          | <b>100.0%</b>   |



**Table 3 Area by Fell Year**

**Forest:** CE05

Scarriff

| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>    | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2006                                   | 49.3                |                       |
| 2007                                   | 123.5               |                       |
| 2008                                   | 76.1                |                       |
| 2009                                   | 107.0               |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>355.9</u></b> | <b><u>44.49</u></b>   |
| 2010                                   | 13.5                |                       |
| 2011                                   | 104.2               |                       |
| 2012                                   | 60.9                |                       |
| 2013                                   | 55.4                |                       |
| 2014                                   | 95.8                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>329.9</u></b> | <b><u>32.99</u></b>   |
| 2015                                   | 92.5                |                       |
| 2016                                   | 38.1                |                       |



| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>    | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2017                                   | 37.9                |                       |
| 2018                                   | 59.0                |                       |
| 2019                                   | 61.2                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>288.7</u></b> | <b><u>28.87</u></b>   |
| 2020                                   | 107.8               |                       |
| 2021                                   | 15.0                |                       |
| 2022                                   | 45.4                |                       |
| 2023                                   | 47.8                |                       |
| 2024                                   | 14.6                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>230.6</u></b> | <b><u>25.62</u></b>   |

**Table 4 Area by Species Group**

| Forest: | CE05                 | Scarriff         |              |
|---------|----------------------|------------------|--------------|
|         | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u>     |
|         | ALD                  | 9.3              | 0.4          |
|         | ASH                  | 17.4             | 0.7          |
|         | BE                   | 18.6             | 0.7          |
|         | BI                   | 25.7             | 1.0          |
|         | DF                   | 30.5             | 1.2          |
|         | FIR                  | 17.5             | 0.7          |
|         | LAR                  | 103.4            | 4.0          |
|         | LP                   | 368.5            | 14.2         |
|         | NS                   | 40.4             | 1.6          |
|         | OAK                  | 7.6              | 0.3          |
|         | OB                   | 14.7             | 0.6          |
|         | OC                   | 2.0              | 0.1          |
|         | OP                   | 3.3              | 0.1          |
|         | SS                   | 1,937.1          | 74.6         |
|         |                      | <b>2,596.0</b>   | <b>100.0</b> |





|     |         |                   |                   |      |     |      |     |     |     |     |     |     |     |     |     |     |
|-----|---------|-------------------|-------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 326 | CE05-2  | Timber Production | None              | 8.1  |     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 322 | CE05-3  | Timber Production | None              | 4.8  |     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 91  | CE05-4  | Timber Production | None              | 6.7  | 1.0 | 2.9  | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 |
| 294 | CE05-4  | Biodiversity      | None              | 0.5  | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 320 | CE05-4  | Timber Production | None              | 2.8  |     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88  | CE05-6  | Timber Production | Fisheries Protect | 14.7 | 1.5 | 10.6 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 |
| 126 | CE05-6  | Biodiversity      | Fisheries Protect | 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 |
| 89  | CE05-8  | Timber Production | None              | 25.4 | 3.8 | 17.3 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 |
| 156 | CE05-9  | Timber Production | None              | 5.5  | 0.8 | 3.3  | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| 167 | CE05-11 | Timber Production | None              | 6.0  | 0.9 | 4.6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| 178 | CE05-12 | Timber Production | None              | 11.3 | 0.6 | 9.6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 233 | CE05-12 | Timber Production | None              | 7.5  | 0.4 | 5.7  | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 |



|     |         |                     |                 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|---------|---------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 234 | CE05-12 | Non-forest Commerci | Long-term Lease | 5.6 | 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 |
|-----|---------|---------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

|     |         |                   |                  |      |     |      |     |     |     |     |     |     |     |     |     |     |     |
|-----|---------|-------------------|------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 261 | CE05-16 | Timber Production | High Landscape S | 16.8 | 0.8 | 14.3 | 0.8 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|-----|---------|-------------------|------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

**Total MU Area 123.5**

**2008**

| 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   | CE05-1      | Timber Production | None                   | 18.0         | 2.7       | 13.8   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 |
| 96  | CE05-5      | Timber Production | None                   | 25.6         | 3.8       | 19.6   | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 2.2 | 0.0 |
| 105 | CE05-5      | Biodiversity      | Fisheries Protect      | 3.3          | 0.0       | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 61  | CE05-6      | Timber Production | Fisheries Protect      | 25.9         | 2.6       | 19.8   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 2.3 | 0.0 |
| 119 | CE05-6      | Timber Production | Fisheries Protect      | 1.9          | 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 |
| 122 | CE05-6      | Biodiversity      | Fisheries Protect      | 1.3          | 0.0       | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**Total MU Area 76.1**

**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  |     |
| 63 | CE05-6      | Timber Production | Fisheries Protect      | 12.8         | 1.3       | 9.2    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 0.0 |



|     |         |                   |                   |      |     |      |     |     |     |     |     |     |     |     |     |     |     |
|-----|---------|-------------------|-------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 75  | CE05-6  | Timber Production | Fisheries Protect | 22.7 | 2.3 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 |
| 107 | CE05-6  | Timber Production | Fisheries Protect | 21.0 | 1.0 | 18.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 |
| 117 | CE05-6  | Biodiversity      | Fisheries Protect | 4.4  | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 183 | CE05-13 | Timber Production | None              | 7.7  | 0.4 | 6.6  | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 184 | CE05-13 | Biodiversity      | None              | 3.0  | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 191 | CE05-13 | Timber Production | None              | 27.0 | 1.4 | 21.8 | 1.3 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 |
| 284 | CE05-16 | Timber Production | High Landscape S  | 8.3  | 0.4 | 6.3  | 0.0 | 0.0 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**Total MU Area 107.0**

| 2010<br>MU | Map<br>Cutting | Objective         | Special<br>Considerations | MU<br>Area<br>(ha) | Area (ha) |        |     |     |     |     |     |     |     |     |     |     |     |
|------------|----------------|-------------------|---------------------------|--------------------|-----------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|            |                |                   |                           |                    | Open      | Spruce | LP  | SP  | LAR | FIR | OC  | Oak | BE  | Ash | BI  | Ald | OB  |
| 157        | CE05-9         | Timber Production | High Landscape S          | 13.5               | 1.3       | 8.5    | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 |

**Total MU Area 13.5**