Forestry Commission Scotland
Coimisean na Coilltearachd Alba

Z111/1

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Conservator
John Dougan

Bidwells
5 Atholl Place
Perth
PH1 5NE

Ref:MPL340074

Dear Sir

MANAGEMENT PLAN : Brundeanlaws Forest

Thank you for the above Management Plan in support of your application for Rural Development Contract.

Please find enclosed your approved Management Plan which is valid until date of expiry indicated on attached plan. The approval date given can be used in the Option Specific questions in any related Rural Development Contract applications.

Please note that a Felling Licence will be required for any felling or thinning outlined in the Management Plan

Yours faithfully

Greg Macfarlane
for Conservator

Encs

RECEIVED
16 SEP 2013
Bidwells, Perth
Seen By
File Ref.

The Management Plan must give a clear and concise description of the woodland and the indicative management proposals for at least 5 years and up to 10 years depending upon the Rural Priorities grant options that you are applying for e.g. for Sustainable Management of Forests – Public Access, this should cover 10 years. For other Options e.g. Woodland Improvement Grant - Restructuring Regeneration, 5 years may be appropriate. These must be in accordance with the principles of sustainable forest management as defined by the UK Forestry Standard.

You must submit the Management Plan as part of your Rural Priorities proposal

Owner name	LC and OAP Gardiner
Agent name	Bidwells 72713
Management Plan Name	Brundeanlaws Forest
Business Reference Number	189316
Main Location Code	778/0092
Management Plan area (hectares)	79.3
Grid Reference (e.g. NH 550 022)	NT 712 121
Agreed by: (e.g. FCS, SNH)	
Date of Plan	

Section 1 – Description of woodlands

1.1 Maps required

Please provide a 1:50,000 that shows the boundary of all woodland areas

1.2 History of management

Brundeanlaws Forest is a commercial conifer plantation planted in 1981 by the Forestry Commission, which has been managed under a no thin regime. Forest Research currently lease research plots from the owner. The lease terminates at the end of the current rotation.

1.3 Site species and age

Sitka spruce was the only commercial species planted during the afforestation, which created 3 compartments divided by wind firm boundaries totalling approximately 72.9 ha of conifers. The established crop is growing well (YC 16 to 20), apart from a small area (circa 2.7 ha) which is significantly checked in the compartment 3. A mixture of broadleaved trees with open grown larch and Scots pine were planted along the public roadside, which forms the southern boundary of the forest and which has created a mosaic of open ground and amenity trees. There is a wet meadow at the south of the forest which gives additional open ground with a scattering of willows and hawthorn. These areas total circa 6.2 ha.

1.4 Constraints and designations

A search using the FCS Land Information Search system noted no recorded designations within the property. An additional search on RCAHMS website, showed no recorded archaeological features in Brundeanlaws Forest. Should any archaeological features be found during the proposed restructuring felling they would be given appropriate protection during felling and the subsequent restructuring regeneration operations.

Evidence of squirrel feeding was found in the forest. Prior to any felling operation, the area would be inspected as recommended in FCS Guidance Note 33 to determine as to whether grey or red squirrel are present. Should the presence of red squirrels be confirmed, felling would be undertaken during the late summer and early autumn to minimize impact on the population.

The forest has direct access onto the unnamed public road that serves Chatto and Hownam to the east and links to the A68 truck road to the west. The single track public road is noted as a Consultation Route by the Borders Timber Transport Group, being recognised as key to timber extraction but which is not up to Agreed Route standard. Prior to hauling timber, consultation with the Local Authority is required and it may be necessary to agree limits, for example, in terms of timing and allowable tonnage before the route can be used. The road is steep in sections and therefore winter felling is not favoured due to risk of disruption due to snow and ice.

1.5 public access

There is a Public Right of Way through the forest that follows the existing forest track. During proposed harvesting operations appropriate warning signage would be place at either entrance to the track.

Section 2 – Management Strategy and Objectives

2.1 Maps required

Please provide an indicative map at 1:10,000 scale or larger eg 1:5,000 that shows the location of operations over next 5-10 years

2.2 Management objectives *(provide 3 to 4 main objectives for your woodlands)*

1) Commence phased restructuring felling programme over 7 year period prior to further windblow damage to the crop and to clear existing windblown trees as economically as possible.
2) Restructuring regeneration with Sitka spruce as primary species, retaining the commercial component of the woodland, whilst increasing the percentage of other conifers, broadleaved trees and open space.
3) Increase age, species and structural diversity whilst improving the nature conservation value of the forest.

2.3 Main management operations envisaged over the next 5-10 years

Restructuring felling is planned to commence in 2016. Three felling phases are planned over a 7 year period with felling coupes reflecting current wind firm boundaries.

Restructuring regeneration will follow each felling coupe and be carried out prior to the next felling beginning.

A new road of up to 400m in length will be constructed in compartment 2 providing access to compartment 1.

Approximately 2.7 ha of checked crop in compartment 3 will be retained as Long Term Retention adding structural and habitat diversity to the woodland. Conifers will be felled and not replanted on wet meadow at the south of the forest in compartment 3. Broadleaves will be planted where possible in this area creating a wet woodland with open space. A mixture of open space and planted broadleaves will enhance the watercourses at the north of compartment 1. Restructuring the conifer crop to include a Norway spruce and Scots pine component will improve the habitat quality for any red squirrels present whilst also making the forest more resilient in the future.

Approved by Case Officer

Signature.....Greg Macfarlane..... **Date**.....05/9/2013.....

Management Plan Reference number .....MPL340074.....

Brundeanlaws Forest Proposed Restocking

Sum of Area		
Restocking	Total	%
Designated Open Ground/Broadleaves	10.6	13
Long Term Retention	2.7	3
Norway Spruce	2.9	4
Scots Pine	3.1	4
Sitka Spruce	58.5	74
Designated Open Ground	1.5	2
Grand Total	79.3	100

Comp	Area	Sub_Comp	Restocking
1	10.0	a	Sitka Spruce
1	2.9	b	Norway Spruce
1	1.5	c	Designated Open Ground/Broadleaves
1	0.2	d	Designated Open Ground
2	18.2	a	Sitka Spruce
2	2.9	b	Designated Open Ground/Broadleaves
2	1.9	c	Scots Pine
2	13.6	d	Sitka Spruce
2	1.1	e	Designated Open Ground
3	16.7	a	Sitka Spruce
3	2.9	b	Designated Open Ground/Broadleaves
3	2.7	c	Long Term Retention
3	3.3	d	Designated Open Ground/Broadleaves
3	1.2	e	Scots Pine
3	0.2	f	Designated Open Ground

FCS - WOODLAND PLAN

Brundeanlaws Forest - Felling Plan

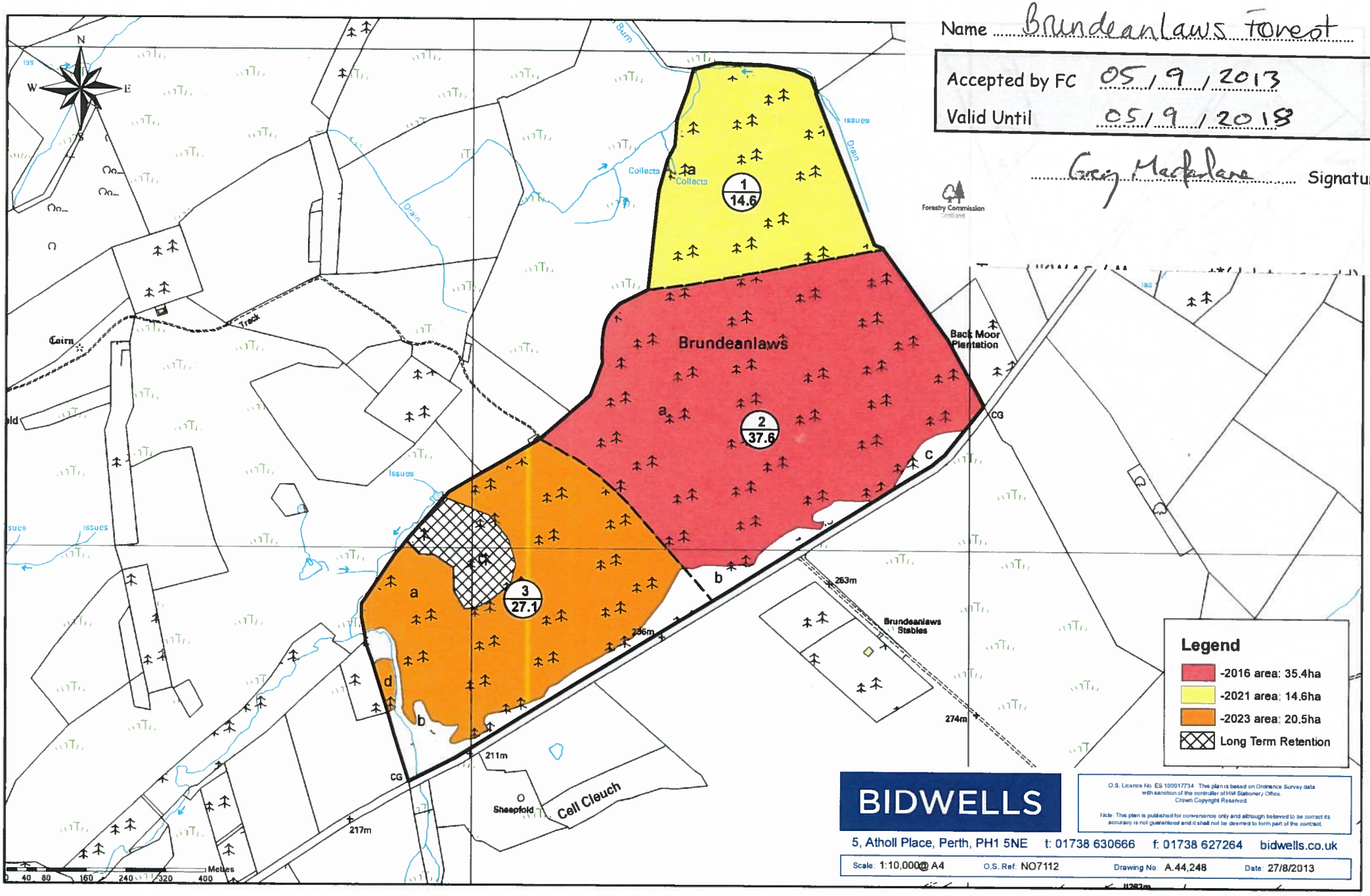
Ref: MPL340074

Name Brundeanlaws Forest

Accepted by FC 05/9/2013

Valid Until 05/9/2018

Signature



BIDWELLS

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Note: This plan is published for convenience only and although believed to be correct its accuracy is not guaranteed and it shall not be deemed to form part of the contract.

Scale: 1:10,000@ A4 O.S. Ref: NO7112 Drawing No: A.44,248 Date: 27/8/2013

Brundeanlaws Forest - Restocking Plan

Type: UKWAS / Management (delete as req'd)

FCS - WOODLAND PLAN

Ref: MPL340074

Name Brundeanlaws Forest

Accepted by FC 05 / 9 / 2013

Valid Until 05 / 9 / 2018

Greg Mitchell Signature