Example of Completed Stocking Density Survey Recording Table & Map

Summary Sheet

Number of plots:

Contract Summary

FGS Case Ref No:	16FGS12345	FGS Application Name:	Leckie Hill Woods	Total Contract Area [including designed open ground (DOG)] (Ha)	31.52
Survey Date	19/09/2020	Surveyor	J Smith	Total Planted Area [excluding designed open ground (DOG)] (Ha)	29.38

Option Summary & Survey Results

FGS Option (eg WC - Diverse Conifer)		Conifer					
Species Composition (e.g. 'Other Conifers')		Planted Area (ha)	Minimum Contractual Stocking Density (per ha)	Average Stocking Density Recorded (per ha)			
Main Conifer or Broadleaved Species		15.09	2,500	2,345			
Other Conifers		2.74	2,500	2,516			
Native broadleaves or shrubs		1.81	1,100	1,100			
Option Planted Area (Ha) – excl DOG:	19.64						
Number of discrete areas:	3						
Number of plots:	30						

FGS Option (eg `Agroforestry'400 tre es/hectare)		Diverse Conifer					
Species Composition (eg `400 trees/hectare')		Planted Area (ha)	Minimum Contractual Stocking Density (per ha)	Average Stocking Density Recorded (per ha)			
Main Conifer		3.90	2,500	2,116			
Other Conifers		3.08	2,500	1,950			
Native broadleaves or shrubs		0.42	1,100	1,100			
Option Planted Area (Ha) – excl DOG:	7.40						
Number of discrete areas:	3						
Number of plots:	16						

FGS Option (eg WIG – Restructure Regeneration)		Native Upland Birch						
Species Composition (e.g. 'Delivering UKFS'))		Planted Area (ha)	Minimum Contractual Stocking Density (per ha)	Average Stocking Density Recorded (per ha)				
Native Upland Birch (NVC W4)		2.34	1,600 at Initial Planting 1,100 at Establishment	1,216				
Option Planted Area (Ha) – excl DOG: Number of discrete areas:	2.34		•					

Survey Sheet (Page 1 of 3) Please include a map marking the location of each numbered plot

	Option	Conifer								
Plot No	Grid Ref		cies osition		cies osition		cies osition	Notes		
		Main Conifer or			conifer	Nat	ive eaves &			
		Broad	leaved cies			shrubs				
		Live Trees	Dead Trees	Live Trees	Dead Trees	Live Trees	Dead Trees			
1	NN/666/036	25	3							
2	NN/666/039	26	0							
3	NN/666/042	27	0							
4	NN/666/045	27	0							
5	NN/666/048	25	0							
6	NN/666/051	16	12					Evidence of deer damage. Highlighted to wildlife ranger who will increase monitoring within the plantation. Additional trees ordered and programmed to be planted in the next planting season		
7	NN/666/053	18	8					As per note above		
8	NN/666/057	17	3					As per note above		
9	NN/666/060	19	6					As per note above		
10	NN/666/063	20	6					As per note above		
11	NN/668/066	22	3					As per note above		
12	NN/668/069	22	3					As per note above		
13	NN/668/071	25	0							
14	NN/668/074	25	0							
15	NN/668/077	26	0							
16	NN/668/080	26	0							
17	NN/668/083	24	2							
18	NN/668/086	25	0							
19	NN/668/092	26	0							
20	NN/668/095	28	0							
21	NN/670/098			20	6			Evidence of hinge planting, but not extensive		
22	NN/670/101			26	0					
23	NN/670/104			27	0					
24	NN/670/107			27	0					
25	NN/670/110			25	0					
26	NN/670/113			26	0					
27	NN/670/116					12	0			
28	NN/670/119					11	1			
29	NN/670/122					10	3			
30	NN/670/125					11	0			

30 469 46 44 TOTAL 151

By species composition the:

total number of Live Trees / total number of plots X 100 = Average Stocking Density/ha

Main Conifer or Broadleaved Species = 469/20 x 100 = 2,345 stems/ha Other conifer = $151/6 \times 100 = 2,516$ stems/ha Native broadleaves & shrubs = $44/4 \times 100 = 1,100$ stems/ha

Survey Sheet (Page 2 of 3) Please include a map marking the location of each numbered plot

(Option	Diverse	Conifer					
Plot	Grid Ref		cies		cies		cies	Notes
No			osition conifer	Other	osition conifer		osition ive	
							eaves &	
		Live	Dead	Live	Dead	shr Live	ubs Dead	
		Trees	Trees	Trees	Trees	Trees	Trees	
1	NN/669/077		5					
2	NN/669/080		3					
3	NN/669/083	21	0					
4	NN/669/086	19	6					
5	NN/669/092	22	1					
6	NN/669/095		3					Evidence of rabbit damage. Checked fence and identified rabbit netting in south west corner had become detached from fence. Netting now re-attached and replacement trees ordered and programmed planting next March
7	NN/671/098			20	6			As per note above
8	NN/671/101			19	0			As per note above
9	NN/671/104			17	0			As per note above
10	NN/671/107			21	0			As per note above
11	NN/671/110			20	0			As per note above
12	NN/671/113			20	0			As per note above
13	NN/671/116					12		Trees in tubes looking good, however, noted significant weeds encroaching onto site that will require maintenance works. Programmed for next Spring
14	NN/671/119					11		
15	NN/671/122					10		
16	NN/671/125					11		

16 127 18 117 44 TOTAL

By species composition the: total number of Live Trees / total number of plots X 100 = Average Stocking Density/ha

Main Conifer = $127/6 \times 100 = 2,116 \text{ stems/ha}$ Other conifer = $117/6 \times 100 = 1,950 \text{ stems/ha}$ Native broadleaves & shrubs = 44/4 x 100 = 1,100 stems/ha

Survey Sheet (Page 3 of 3) Please include a map marking the location of each numbered plot

	Option	Native U	pland Bir	ch				
Plot No	Grid Ref	Comp	cies osition	Spe Compo	cies osition	Spe Compo	cies osition	Notes
		bii	upland rch : W4)					
		Live	Dead	Live	Dead	Live	Dead	
1	NN/673/198	Trees 13	Trees 0	Trees	Trees	Trees	Trees	
2	NN/673/201	12	0					
3	NN/673/204	12	0					
4	NN/673/207		0					
5	NN/673/210	11	0					
6	NN/673/213	13	0					

6	73	0			TOTAL

By species composition the:
total number of Live Trees / total number of plots X 100 = Average Stocking Density/ha

Native Upland Birch = $73/6 \times 100 = 1,216 \text{ stems/ha}$

