

Handwritten: 11/20/02
cut
skidded

Unit 37B

**KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM**
Version 9/9/02

Unit: 37B 6ac Inspector: Eridson/Koenke Date: 11-20-02
 Required Residual Basal Area: 10 to 15 trees / acre
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 3 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
 Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
 Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
 Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

TREES

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1		6	6		3	1
2		4	4			
3		2	2		2	1
4		5	5		1	
5		9	9		1	1
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		<i>avg</i>	<i>57.2 TPA</i>			
Total BA of non-discarded plots				Total #		
Average BA of non-discarded plots				Times 11*		
				Average	<i>15.4 TPA</i>	<i>6 clumps/acre</i>

*Small units with 100 feet between plots, multiply by 22.

Comments: *Almost all non-LP trees were left. Mostly white. Burning will reduce live trees per acre as much as 50%.
 Snags over 10" dbh were preserved well.
 Plots over-sampled clumps compared to usual estimation, but overall good.
 Treatment met contract prescription*

*may not
cut
skidded*

**KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM**
Version 9/9/02

Unit 37A

Unit: 37A 9ac Inspector: Erzbin/Knapke Date: 11-20-02
 Required Residual Basal Area: 50 to 70 min in LP areas
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
 Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
 Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
 Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

100 feet

*Road influence
through unit*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1		20	20			
2		10	10			
3		10	10			
4		50	50		1	
5		20	20			
6		60	60			1
7		0	0			
8		30	30			
9		70	70			
10		90	90			
11		100	100		1	
12		30	30			
13		40	40			
14		60	60			
15		10	10			
16						
17						
18						
19						
20						
Total BA of non-discarded plots			40 / 57	Total #	2	1
Average BA of non-discarded plots			40 / 57	Times 11*	44	22
				Average	3	1.5

*Small units with 100 feet between plots, multiply by 22

Comments:
 Transect for first 3 plots was along road side of ridge. Likely had influence of roadside firewood cutting. other side of ridge is visibly denser, more like plots 9 to 15 that went through the center of the east part of the unit.
 mixed opportunities to have LP in openings as per contract prescription.
 Snag # low but good recruitment snags left. Clumps good.
 Overall met contract prescription, but on light side for live trees

Marked
cut
skidded

Unit 38

KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM
Version 9/9/02

Unit: 38 20ac Inspector: Koepke Date: 10-9-03
Required Residual Basal Area: 70 to 100
Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1		10	10		1	
2		7	7			
3		3	3		2	
4		9	9		1	
5		4	4			
6	3	2	5		1	
7		3	3			
8		7	7			
9	1	6	7		2	
10		4	4			
11	0		6		1	
12	3	2	5		2	
13	1	6	7		1	
14		1	1		1	
15	2	1	3		2	
16	2	2	4		4	
17	0	7	7		2	
18	0	6	6		1	1
19	0	6	6		2	
20	0	6	6		1	
Total BA of non-discarded plots			110	Total #	24	4
Average BA of non-discarded plots			55 ft ² /m	Times 11*	264	44
				Average	13.2	2.2/ha

(C)
Trail
Trail + pile
Trail
Trail
Trail
2 chains between plots
x 8.74m
1.52 acres/ha

Twm

*Small units with 100 feet between plots, multiply by 22.

Comments: 2 ch. @ 25°; 1 ch. @ 115°; then 2 ch. @ 205° back.
start where temp. road hits bdry.
logged w/ processor + loader.

marked
cut
yarded

Unit 605

KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM
 Version 9/9/02

Unit: 605 34ac Inspector: _____ Date: _____
 Required Residual Basal Area: 70 to 100
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
 Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
 Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
 Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1	10	10	20		1	
2	30		30	mortality	1	
3	20	10	30		2	
4		50	50	mortality		1
5	30	10	40			1
6		60	60	mortality		
7	40		40	"		1
8		30	30	"		
9	40		40			
10	30	20	50			
11		70	70	species		1
12		50	50	open	1	1
13	10	30	40			1
14		90	90	species	1	
15		130	130	species	1	1
16		90	90	species	1	
17						
18						
19						
20						
Total BA of non-discarded plots			220	Total #	9	7
Average BA of non-discarded plots			37	Times 11*	88	77
				Average	5.5	4.9

North side
South side
DF
5/1

*Small units with 100 feet between plots, multiply by 22.

Comments: Includes GDH
 Residual Unit - North side = 42 sq BA, south side = 103 sq BA, overall = 54 sq BA
 Snags and clumps good.
 Excessive mortality documented previously contributed to not meeting live stocking.
 Equipment use sounderly contributed.
 split into two stands?

Marked
out
skidded

Unit 100T

KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM
 Version 9/9/02

Unit: 100 T 3000 Inspector: Ericksen/Kuopke Date: 11/19/03
 Required Residual Basal Area: 20 to 40 min in LP areas
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 3 Minimum Clump Size: 50 x 50

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
 Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
 Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
 Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1	0	0	0		3	1
2	0	0	0		1	0
3	1	2	3		2	0
4	0	7	7	sp	2	2
5	4	0	4		1	2
6	2	0	2		1	1
7	3	0	3		0	1
8	1	4	5		1	1
9	0	4	4		1	1
10	0	8	8	sp	5	1
11	7	1	8	clump	3	1
12	6	1	7	clump	6	1
13	0	6	6	sp	2	1
14						
15						
16						
17						
18						
19						
20						
Total BA of non-discarded plots			21 / all	Total #	28	13
Average BA of non-discarded plots			26 / 44	Times 11*	308	143
				Average	23.6	11

*Small units with 100 feet between plots, multiply by 22.

Comments:

275° from SE corner at turnaround. 1850 to rd.
 5-6 - offset 200' @ right angle because of unit boundary
 6-7 back to original azimuth

Marked
cut
skidded

Unit 135

**KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM**

Version 9/9/02

Unit: 135 11A Inspector: Koepke Date: 10-17-02
 Required Residual Basal Area: 50 to 70 min in LP areas
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*

Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.

Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*

Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1	0	60	60		3	
2	0	30	30			
3	10	30	40		1	
4	20	30	50			1
5	10	30	40		1	
6	0	70	70			
7	10	50	60			
8	0	40	40			
9	10	20	30		2	
10	0	50	50		2	1
11	0	140	140		5	
12	0	100	100		2	
13	0	40	40		2	
14	0	90	90		1	
15	0	130	130			
16	0	60	60		2	
17	0	50	50		3	
18	0	40	40		1	
19	0	50	50		2	
20						
Total BA of non-discarded plots			1219	Total #	29	2
Average BA of non-discarded plots			64	Times 11	633	22
				Average	33.6	1

*Small units with 100 feet between plots, multiply by 22.

Comments: plot every 100' due to shape, all in 1 line.
 #4 in rd. #5 Trail. #8 Trail. #17 at angle W.

Unit 237S

KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM

Version 9/9/02

marked
out
yarded

opt

Unit: 237S 6ac + 17ac into 237H Inspector: Koepeke Date: 11-14-03
 Required Residual Basal Area: 50 to 70 min in LP areas
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*
 Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.
 Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*
 Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1	0	9	9		2	1
2	1	5	6		2	
3	0	9	9		2	
4	0	9	9		1	
5	0	3	3		2	
6	0	0	0		0	
7	1	1	2		1	
8	0	4	4		1	
9	0	0	0		1	
10	0	3	3			
11	0	5	5			
12	0	17	17		1	
13	0	1	1			
14	0	1	1			
15	0	3	3		2	
16	0	4	4		2	
17	3	0	3			1
18	0	3	3			
19	1	3	4		1	
20	0	4	4		1	
Total BA of non-discarded plots			86	Total #	22	2
Average BA of non-discarded plots			43 ft ²	Times 11*	242	22
				Average	18 SPA	1.7 clumps/ha

Wallow

2 chains between plots
7.9 TPA
0.7 clumps/ha

*Small units with 100 feet between plots, multiply by 22.

Comments:

2 ch. @ 190°, left angle to #17, left to #20
 CE 237H, top 17 ac. added.

Cut
skidded

**KNOX-BROOKS STEWARDSHIP PROJECT
DESIGNATION BY PRESCRIPTION INSPECTION FORM**

Version 9/9/02

Unit: 337 3A Inspector: Erica Kestler, Harper Date: 9/27/02
 Required Residual Basal Area: 50 to 70 min in LP areas
 Required Snag Trees per Acre: 4 to 12 Minimum Snag DBH: 10"
 Required Retention Clumps per Acre: 1 Minimum Clump Size: 25x25

Minimum of two transects across unit, at 30 to 90 degrees from primary skid trails or corridors. Plot every 200 feet, minimum of 5 plots per unit. *Small units may be 100 feet between plots*

Basal area based on 10 BAF count of live trees over 6 inches dbh. Plots with legitimate variance from contract (other spp left, dead/infested trees harvested) noted and not used to calculate average.

Snag trees based on count of snags and replacements meeting quality definition within 10 feet on both sides (20 feet total) of the 200-foot transect line between plots. Total snags counted times 11, then divided by number of transect segments gives average snags per acre. *Small units with 100 feet between plots, multiply by 22.*

Retention clumps based on count of clumps intersecting (not necessarily within) the snag count corridor defined above. Clumps counted times 11, then divided by number of transect segments gives average clumps per acre. *Small units with 100 feet between plots, multiply by 22.*

Plot # (transect segment)	Basal Area			Discard Plot (X)	Snags and Replacements (#)	Retention Clumps (#)
	Live LP (BA)	Live Other Spp (BA)	Total (BA)			
1	0	120	120	X	0	0
2	0	100	100	X	0	0
3	0	60	60	X	1	1
4	0	90	90	X	1	0
5	0	30	30	X	1	0
6	0	40	40	X	0	1
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
Total BA of non-discarded plots			440	Total #	3	2
Average BA of non-discarded plots			73 ft ²	Times 11*	66	44
				Average	11	7

*Small units with 100 feet between plots, multiply by 22.

Comments:

#5 skid trails coverage

Overall BA = 73 ft²/a