

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 31

Entry Year: 2008

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnstry	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
1	R 7	W 3	50	75	14	30	52	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : DO NOT CUT OAK</p> <p>[1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New OI Comments: Stand is essentially 2 aged now with a good amount of regen heaviest to White pine, red maple and aspen. There is also a fair amount of spruce and red pine as well. Red Pine is doing very well along roads where the raw sand was exposed. Walk through regen plots showed 1400 tpa. However, the residual red and white pine in stand is patchy, many high BA areas. Let the regen get more advanced and then look at removing the overstory next entry. Soils are Rubicon Croswell Deford Complex and the Habitat Type is PVE.</p>														
2	N 0	N 0	8		0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Stand has areas that could be typed L instead of N. Soils are Markey Mucky Peat.</p>														
3	J 3	J 3	21	4	1	30	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : LEAVE SCATTERED RED PINE</p> <p>[1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New Stand Comments: Stand has patchy residual overstory thicker in some areas. Manage for the understory, walk through regen plots indicate a decent amount of jack, red and white pine regen much the same as it was originally. There is also a good amount of spruce, oak and aspen regen. Oak is regenerating from the residual trees in the stand. Appx 800 tpa of conifer spp with the most in jack pine. Red pine is regenerating very well along the old roads and landings. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														
4	J 3	J 3	18	4	1	30	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : LEAVE SCATTERED RED PINE</p> <p>[1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New Stand Comments: Stand has patchy residual overstory thicker in some areas. Manage for the understory, walk through regen plots indicate a decent amount of jack, red and white pine regen much the same as it was originally. There is also a good amount of spruce, oak and aspen regen. Oak is regenerating from the residual trees in the stand. Appx 800 tpa of conifer spp with the most in jack pine. Red pine is regenerating very well along the old roads and landings. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														
5	N 0	N 0	2		0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Stand has areas that could be typed L instead of N. Soils are Markey Mucky Peat.</p>														
6	W 3	W 3	17	4	1	20	58	white pine	immature	N		50-59 years	0	
<p>comnts Fmd : [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New Comments; Stand has patchy residual red and white pine. The stand was previously typed as jack pine with a J MO. New walk through regen plots indicate stand is a W3. However, the mix is fairly even to red, white and jack. (256 Red, 183 Jack and 293 White, also 300 other mostly maple) I think this is a good species mix and fairly consistant with what was here. These numbers may switch over time. There are a few oak in stand as well. Soils are Rubicon Croswell Deford Complex and the habitat type is PVE.</p>														
7	R 9	S 2	15	85	14	100	58	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Road was put through stand to access Setion 28 Marsh Sale. Sit and manage the stand much the same as the stands to the south. Cut evrything but the red and white pine and mark them heavy enough to provide but not hinder regen. Regen will be a mix of the current species on site. However, if red and white pine do not regenerate in sufficient stocking compared to other species handplant with inmates. Soils are Rubicon Croswell Deford Complex and the Habitat tYpe is PVE.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acreage	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
8	N 0	N 0	446		0	0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Stand has areas that could be typed L instead of N. Soils are Markey Mucky Peat.														
9	R 9	S 2	13	85	12	100	56	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand was partially cut through in the 60's but there are some beautiful knobs/ridges of red pine. If access can be obtained through private cut stand in such a way that the very heavy areas of red pine are thinned enough to provide regeneration and the lower ground will regenerate to spruce and other species that are in place. If access can't be obtained through private hold 1 more entry and cut with adjacent stands. The thick S3/S4 regen from the 60's can be excluded if possible. The Soils are Niconish Kinross Wainola Complex and the Habitat type is PVE.														
10	R 9	S 2	9	86	14	100	54	red pine	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Stand should have been cut with sale to south. Only a little portion of stand was cut with the adjacent stands in the 60's. Since stand is so small hold and treat with adjacent stuff to the south. Stand will hold. Soils are Rubicon Croswell Deford complex and the Habitat type is PVE.														
11	S 5	S 2	9	66	7	60	52	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : East side of stand was cut in the 60's and has regenerated well, west side is mature. Wait 1 more entry then treat stand. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.														
12	S 5	S 3	14	41	7	50	52	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Stand was cut through in the 60's. However, it was not very thorough, more like a salvage cut resulting in pockets of mature trees bieng left. However, majority of stand is younger spruce. Hold 1 more entry then re-evaluate. Soils are Rosseau Neconish Spot Complex and the Habitat Type is PVE.														
13	J 5	S 2	12	40	8	50	52	jack pine	immature	N		10-19 years	0	
comnts Fmd : Stand was cut in the 60's however it was not real thorough so there are older residual pockets. Spruce is throughout and the pine is thicker on the south end. Soils are Rosseau Neconish Spot Complex and the Habitat Type is PVE.														
14	J 6	S 1	5	72	10	110	52	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : South end of stand was cut through in 60's if stand is prepared lop south end off. The north end was not cut through in 60's and jack pine is over-mature. Leave some red and white pine for seed. Soils are Neconish-Kinross-Wainola Complex and the Habitat type is PVE. Retention will be met by leaving red pine and white pine as well as the exclusions of spruce on the fringes.														
15	J 5	S 2	113	74	9	60	54	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand has had portions that were cut through in the 60's but its difficult to type out exactly where those spots are, the remaining timber especially the jack pine is over-mature and needs to be cut. Old road through stand. Cut entire stand and if there is a patch of younger stuff especially spruce it can be excluded. Very few red pine showed up on plots, leave most of them unless there are thick patches. Acceptable regen will be a mix of jack pine and black spruce. Soils are Rosseau Neconish Spot Complex and the Habitat type is PVE. Retention will be met by leaving red pine where it occurs as well as the exclusions of spruce and younger jack pine.														
16	J 5	J 3	6	31	6	40	48	jack pine	immature	N		20-29 years	0	
comnts Fmd : Stand is transitioning nicely to poles. Soils are Rubicon Croswell Deford Complex and the Habitat Type is PVE.														
17	J 6	S 1	50	76	10	90	57	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is a mix of ridges and leatherleaf flats. Plots showed mostly jack pine but there will be fringes of spruce as well. Jack pine will not hold another decade. Soils are Kinross-Augress-Rubicon Complex and the Habitat type is PArV. Acceptable regen is jack pine but also spruce where it occurs within current stand. Retention will be met by leaving red pine as well as exclusions of spruce along the fringes, in addition all trees not having at least one pulpwood stick will be left.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
18	J 3	J 3	88	6	0	0	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Part of Broken Compass sale only 25 acres scarified 9-2000, schedule regen check in 3 years (10/18/05 AP) Regen counts - 884 jack pine, 26 red pine, 52 white pine, 225 black spruce (12/28/05) FTP closed with a letter. Soils are Kinross-Augres_Rubicon Complex and the Habitat Type is PArV.</p>														
19	J 6	W 1	16	61	9	100	55	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand has some drainages that will need to be protected as well as proper river buffers. Red and white pine are present but not showing up on plots as a large component, leave most of near the creek buffer to provide diversity. Stand could hold if needed. Soils are Kinross-Augres-Rubicon Complex and habitat type is PArV. Retention will be met by leaving the red and white pine.</p>														
20	J 3	J 3	68	6	0	0	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Part of Broken Compass sale only 25 acres scarified 9-2000, schedule regen check in 3 years (10/18/05 AP) Regen counts - 884 jack pine, 26 red pine, 52 white pine, 225 black spruce (12/28/05) FTP closed with a letter. Soils are Kinross-Augres_Rubicon Complex and the Habitat Type is PArV.</p>														
21	J 6	S 1	116	71	9	70	48	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand is an intricate mix of jack pine ridges connected with black spruce on the lower ground. There is a lot of marsh types webbed within stand as well, to small to type out. Jack pine is over-mature and cannot hold another decade and spruce is even showing some mortality. Acceptable regeneration will be a comparable mix of jack pine and spruce as is on-site now. Soils are Kinross-Augres-Rubicon Complex and the Habitat Type is PArV. Retention will be met by leaving red pine where it occurs as well as exclusions of spruce where the diameter peters out on the fringes. In addition, all trees not containing at least 1 pulpwood stick will be left un-cut. There will be plenty of small diameter black spruce left due to this spec to meet retention.</p>														
22	J 5	J 3	91	31	6	40	52	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Stand underwent a shelterwood cut from 1959-1961 with hope of encouraging regeneration. Little natural seeding occurred so stand was disced and seeded in 1970. The remaining jack pine was removed in 1971. Nice jack pine which is transitioning to poles nicely. Soils are Kinross-Augres-Rubicon Complex and the Habitat type is PArV.</p>														
23	J 6	W 2	2	71	9	70	51	jack pine	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps</p>														
<p>comnts Fmd : Stand is a small island surrounded by creeks and drainages. Stand will succeed over time to white pine. Soils are Finch -Spot Complex and the Habitat type is PArVAa.</p>														
24	J 3	J 3	21	16	3	0	56	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Stand was cut in 1990; North Duck Sale. Regenerating nicely. Soils are Kinross-Augres-Rubicon Complex and the Habitat Type is PArV.</p>														
25	W 9	S 2	10	92	14	80	54	white pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : ERA - Pattereded Fen Delineated by MNFI This stand was delineated by MNFI as a pattereded fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand.  Stand was jack pine with pine logs but the jack pine is rapidly falling out of stand and logs are still living. Stand could be treated with compartment 21 stand 16 to north but that stand was dropped at the last compartment review due to poor access and no markets for charred wood as the Seney fire bumped up to some of these stands. Access from east is across multiple creeks. Manage for white pine and red pine. Survey corner still in good shape. Soils are Finch Spot Complex and the Habitat type is PArVAa.</p>														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
26	R 9	W 3	7	100	12	90	54	red pine	old growth (potential or actual)	Y	shelterwood-seed	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand.  Stand was prepared in 1998, 2 Chains Short Sale but was never cut because the purchaser was responsible for installing a portable bridge across Duck Creek. Stand was originally cut after Seney Fire but not heavy enough. Regen is a mix of white pine and advanced E. Pine near the fringes has now died and again will likely not warrant the cost of a bridge. This is not enough wood to tie up one of the department's portable bridges. White pine will do ok with the amount of shade present. Soils are Neconish-Kinross-Wainola Complex and the Habitat tYpe is PVE.														
27	W 9	S 2	7	92	16	80	54	white pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand.  Much of the stand was salvaged after Seney Fire so there is a component of 30 year old jack pine not represented well on plots. There is at least 1 major stream crossing to get to stand. Many of the trees are water stressed and or killed by beaver. Soils are Finch Spot Complex and the Habitat Type is PArVAa.														
28	R 9	W 3	40	100	12	90	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Stand was prepared in 1998, 2 Chains Short Sale but was never cut because the purchaser was responsible for installing a portable bridge across Duck Creek. Stand was originally cut after Seney Fire but not heavy enough. Regen is a mix of white pine and advanced E. Pine near the fringes has now died and again will likely not warrant the cost of a bridge. This is not enough wood to tie up one of the department's portable bridges. White pine will do ok with the amount of shade present. Soils are Neconish-Kinross-Wainola Complex and the Habitat tYpe is PVE.														
29	W 6	F 1	4	48	10	130	54	white pine	immature	N		10-19 years	0	
comnts Fmd : Poor access, need a bridge. Soils are Neconish-Kinross-Wainola Complex and the Habitat Type is PVE														
30	J 4	J 2	55	30	6	40	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand originated from salvage cut after Seney fire. Some small pockets of older jack pine. Log sized red and white pine not showing on plots. Soils are Neconish-Kinross-Wainola Complex and the Habitat type is PVE.														
31	W 9	F 2	31	81	14	90	56	white pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community. Stand was cut through after the Seney Fire. Stand is a ridge connected by spruce, tamarack and hardwood on the lower ground. Soils are Finch Spot Complex and the Habitat type is PArVAa.														
32	J 6	S 2	42	46	8	80	52	jack pine	immature	N		10-19 years	0	
comnts Fmd : There are a lot of red pine pole areas that are not reflected real well on plots. Soils are Finch Spot Complex and the habitat type is PArVAa.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
33	J 4	J 3	89	30	5	40	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Nice stand of jack pine, fairly pure, transitioning nicely to poles. Soils are Neconish Kinross Wainola Complex and the Habitat Type is PVE.														
34	S 3	S 3	5	31	4	0	42	black spruce-swamp	immature	N		40-49 years	0	
comnts Fmd : Stand is a long narrow strip in the marsh. Stand was cut in 70's as the Marsh Ridge Block, it was an R9 stand at the time and was cut due to windthrow concerns. Regenerating good to a mix of species including red pine, spruce, tamarack, white pine and aspen but predominately spruce. Soils are Mucky Markey Peat.														
35	J 5	S 2	82	30	10	50	54	jack pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on whether it is part of the community.  Also large block of old growth blocks in well with Seney National Wildlife Refuge. Stand was burned through and salvaged after Seney Fire. There is a lot of residual red pine logs that are surviving as mother trees. Regen is all over the board including re pine, white pine, spruce, tamarack, jack pine, hardwood and aspen. There are also some small pockets of mature trees not cut in the 70's. Soils are Rubicon Crosswell Deford Complex and the Habitat type is PVE.														
36	Z 0	Z 0	11		0	0		water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.  Since these water typed are heavily manipulated by beaver and could be typed as N at some point they are being coded as SCA's. This designation matches in nicely with the Seney Wildlife Refuge to the North.														
37	J 5	J 3	6	31	6	40	48	jack pine	immature	N		20-29 years	0	
comnts Fmd : Stand originated during Seney Fire when a fuelbreak was put in for a control line along the Highwater Truck Trail. Stand regenerated very well and is transitioning nicely to poles. Soils are Rubicon Crosswell Deford Complex and the Habitat Type is PVE.														
38	N 0	N 0	3		0	0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Stand has areas that could be typed L instead of N. Soils are Markey Mucky Peat.														
39	H 6	F 1	22	90	11	170	53	hemlock	immature	N		10-19 years	0	
comnts Fmd : Stand is very unique in that there is not a lot of closed canopy hemlock types left in the area. The stand has a series of ridges. Almost all of the white pine are very large super canopy trees. However, to harvest them a lot of hemlock would need to be cut. No Soil Type available, Habitat type is PArVAa														
40	W 9	F 2	9	90	14	80	52	white pine	immature	N		10-19 years	0	
comnts Fmd : Stand is a shallow ridge that should have been cut with the adjacent sale to the East. The low ground has a lot of small regen transitioning to poles. This includes maple, spruce, tamarack, fir and pines. There is a drainage on both sides of stand. Soils are Markey Mucky Peat.														
41	N 0	N 0	1		0	0	15	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Stand has areas that could be typed L instead of N. Soils are Markey Mucky Peat.														

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					B H	Tot. BA	Site Indx							
42	R 6	S 2	2	92	11	100	54	red pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps</p> <p>comnts Fmd : ERA - Pattereded Fen Delineated by MNFI This stand was delineated by MNFI as a pattereded fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.</p> <p>Access from east is across multiple creeks for a small amount of wood.. Soils are Finch Spot Complex and the Habitat type is PArVAa.</p>														
43	R 9	S 2	20	86	12	100	60	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : There is an access road running in to stand from older Section 28 Marsh Sale. Treat stand much the same as Section 28 Marsh species thin and mark pine heavy enough to provide seed but not shade seedlings out. Do not cut oak in stand. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														
44	R 7	W 3	2	75	14	30	52	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : DO NOT CUT OAK [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking. Blowdown salvage work after initial cut.</p> <p>[8/11/06 BB] Stand was never counted. New OI Comments: Stand is essentially 2 aged now with a good amount of regen heaviest to White pine, red maple and aspen. There is also a fair amount of spruce and red pine as well. Red Pine is doing very well along roads where the raw sand was exposed. Walk through regen plots showed 1400 tpa. However, the residual red and white pine in stand is patchy, many high BA areas. Let the regen get more advanced and then look at removing the overstory next entry. Soils are Rubicon Croswell Deford Complex and the Habitat Type is PVE.</p>														
45	R 7	W 3	10	75	14	30	52	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : DO NOT CUT OAK [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking. Blowdown salvage work after initial cut.</p> <p>[8/11/06 BB] Stand was never counted. New OI Comments: Stand is essentially 2 aged now with a good amount of regen heaviest to White pine, red maple and aspen. There is also a fair amount of spruce and red pine as well. Red Pine is doing very well along roads where the raw sand was exposed. Walk through regen plots showed 1400 tpa. However, the residual red and white pine in stand is patchy, many high BA areas. Let the regen get more advanced and then look at removing the overstory next entry. Soils are Rubicon Croswell Deford Complex and the Habitat Type is PVE. Stand has a Forest Service Plot in it.</p>														
46	J 3	J 3	4	4	1	30	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : LEAVE SCATTERED RED PINE [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New Stand Comments: Stand has patchy residual overstory thicker in some areas. Manage for the understory, walk through regen plots indicate a decent amount of jack, red and white pine regen much the same as it was originally. There is also a good amount of spruce, oak and aspen regen. Oak is regenerating from the residual trees in the stand. Appx 800 tpa of conifer spp with the most in jack pine. Red pine is regenerating very well along the old roads and landings. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														
47	S 5	S 2	2	41	7	60	52	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was cut in the 60's but it was more of a salvage cut since it wasn't thorough. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														

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					B H	Tot. BA								
48	R 8	S 2	6	90	14	60	52	red pine	mature	Y	shelterwood-seed	within 0-9 years	3	
<p>comnts Fmd : Stand has nice pockets of pine which need to be cut as well as a lot of water stressed trees. Scheduling stand to harvest with stands 9 and 51 which is dependent on private access. Drop areas of regen where they exist if needed. Regen will be a mix of current species. Soils are Proper Fine Sand and the Habitat type is PVE</p>														
49	W 9	W 2	1	62	14	80	54	white pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a pattereded fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.                       This designation also blocks in well with the Seney National Wildlife Refuge to the north. Stand was burned through but not cut or salvaged due to very poor access. Overstory is falling apart due to age and water stress. Nice patch of white birch regen from the fire on fringes. Pine logs doing ok. Soils are Markey Mucky Peat.</p>														
50	S 5	S 3	23	42	9	50	44	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was partially cut through in the 60's which led to this 2 aged stand. There is some tamarck on lower ground that is over mature. Managing for the younger age. Soils are Rubicon Crosswell Deford Complex and the habitat type is PVE</p>														
51	R 9	S 2	10	85	12	100	56	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand was partially cut through in the 60's but there are some beautiful knobs/ridges of red pine. If access can be obtained through private cut stand in such a way that the very heavy areas of red pine are thinned enough to provide regeneration and the llower ground will regenerate to spruce and other species that are in place. If access can't be obtained through private hold 1 more entry and cut with adjacent stands. The thick S3/S4 regen from the 60's can be excluded if possible. The Soils are Niconish Kinross Wainola Complex and the Habitat type is PVE.</p>														
52	S 6	S 2	5	77	8	90	46	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Soils are Markey Mucky Peat</p>														
53	S 5	S 2	5	42	8	60	46	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was partially cut in the 60's resulting in this 2 aged stand, managing for the younger age class. Soils are neconish Kinross Wainola Complex and the Habitat Type is PVE</p>														
54	R 6	S 3	5	41	10	70	53	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Stand was cut through in the 60's, likely a diameter limit cut. Stand is now 2 aged, manage for the understory of Spruce, White pine and jack pine. Soils are Rubicon Crosswell Deford Complex and the Habitat type is PVE.</p>														
55	J 5	S 2	8	36	8	60	48	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Stand was cut in the late 60's. Soils are Rubicon Crosswell Deford Complex Habitat type is PVE.</p>														
56	S 4	S 3	2	38	5	40	44	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Stand was cut through in the 60's, lots of spruce and tamarack regen. 2 aged stand. Soils are Rubicon Crosswell Deford Complex and Habitat type is PVE.</p>														
57	S 4	S 3	1	38	5	40	44	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Stand was cut through in the 60's, lots of spruce and tamarack regen. 2 aged stand. Soils are Rubicon Crosswell Deford Complex and Habitat type is PVE.</p>														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 31

Entry Year: 2008

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
58	J 3	J 3	12	4	1	30	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : LEAVE SCATTERED RED PINE                      [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, Original cultural codes called for scarification but due to the location and residual trees left a regen count will be conducted in the summer of 2004 to determine stocking.</p> <p>[8/11/06 BB] Stand was never counted. New Stand Comments: Stand has patchy residual overstory thicker in some areas. Manage for the understory, walk through regen plots indicate a decent amount of jack, red and white pine regen much the same as it was originally. There is also a good amount of spruce, oak and aspen regen. Oak is regenerating from the residual trees in the stand. Appx 800 tpa of conifer spp with the most in jack pine. Red pine is regenerating very well along the old roads and landings. Soils are Rubicon Croswel Deford Complex and the Habitat type is PVE.</p>														
59	S 3	S 3	1	31	4	0	42	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Stand is a long narrow strip in the marsh. Sttand was cut in 70's as the Marsh Ridge Block, it was an R9 stand at the time and was cut due to windthrow concerns. Regenerating good to a mix of species including red pine, spruce, tamarack, white pine and aspen but predominately spruce. Soils are Mucky Markey Peat.</p>														
60	S 4	S 3	8	40	6	20	42	black spruce-swamp	immature	N		30-39 years	0	
<p>comnts Fmd : The stand was cut through in the 60's leaving a 2 aged stand behind. Spruce is coming along nicely and red pine logs look good. Soils are Rubicon Crosswell Deford Complex and the habitat type is PVE.</p>														
61	L 0	L 0	2		0	0	10	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.</p> <p>Soils are Markey Mucky Peat</p>														
62	Z 0	Z 0	28		0	0		water	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.</p> <p>Since these water typed are heavily manipulated by beaver and could be typed as N at some point they are bieng coded as SCA's. This designation matches in nicely with the Seney Wildlife Refuge to the North.</p>														
63	L 0	L 0	128		0	0	10	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.</p> <p>Soils are Markey Mucky Peat</p>														
64	N 0	N 0	342		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.</p> <p>Soils are Markey Mucky Peat.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
65	J 3	J 3	2	6	0	0	54	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Part of Broken Compass sale only 25 acres scarified 9-2000, schedule regen check in 3 years (10/18/05 AP) Regen counts - 884 jack pine, 26 red pine, 52 white pine, 225 black spruce (12/28/05) FTP closed with a letter. Soils are Kinross-Augres_Rubicon Complex and the Habitat Type is PARV.</p>														
66	W 7	E 2	4	90	14	20	54	white pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.  This designation also blocks in well with the Seney National Wildlife Refuge. Stand was cut through after Seney Fire which resulted in the E understory.</p>														
67	Z 0	Z 0	15		0	0		water	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.  Since these water typed are heavily manipulated by beaver and could be typed as N at some point they are bieng coded as SCA's. This designation matches in nicely with the Seney Wildlife Refuge to the North.</p>														
68	J 5	S 2	23	30	10	50	54	jack pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.  Also large block of old growth blocks in well with Seney National Wildlife Refuge. Stand was burned through and salvaged after Seney Fire. There is a lot of residual red pine logs that are surving as mother trees. Regen is all over the board including re pine, white pine, spruce, tamarack, jack pine, hardwood and aspen. There are also some small pockets of mature trees not cut in the 70's. Soils are Rubicon Croswell Deford Complex and the Habitat type is PVE.</p>														
69	J 5	F 2	10	68	10	50	52	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.  Stand also blocks in very well with the Seney National Wildlife Refuge to the north. Stand was burned through but not cut or salvaged due to very poor access. Overstory is falling apart due to age and water stress. Nice patch of white birch regen from the fire on fringes. Pine logs doing ok. Soils are Markey Mucky Peat.</p>														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 31

Entry Year: 2008

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
70	J 4	S 2	5	30	7	20	54	jack pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.</p> <p>This designation also blocks in well with the Seney National Wildlife Refuge.                      Stand was cut through after Seney Fire which resulted in this 2 aged stand. Soils are Markey Mucky Peat.</p>														
71	W 9	W 2	5	62	14	80	54	white pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.</p> <p>This designation also blocks in well with the Seney National Wildlife Refuge to the north. Stand was burned through but not cut or salvaged due to very poor access. Overstory is falling apart due to age and water stress. Nice patch of white birch regen from the fire on fringes. Pine logs doing ok. Soils are Markey Mucky Peat.</p>														
72	J 5	S 2	11	30	10	60	54	jack pine	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. This stand is actually an upland island of pine. A plan is currently being written for the ERA which will give guidance to this stand on weather it is part of the community.</p> <p>Also large block of old growth blocks in well with Seney National Wildlife Refuge. Stand was burned through and salvaged after Seney Fire. There is a lot of residual red pine logs that are surving as mother trees. Regen is all over the board including red pine, white pine, spruce, tamarack, jack pine, hardwood and aspen. There are also some small pockets of mature trees not cut in the 70's. Soils are Rubicon Crosswell Deford Complex and the Habitat type is PVE.</p>														
73	N 0	N 0	5		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - POG Patterened Fen                      Stand was designated as POG in 1997. The certification layers do not show this as a patterened fen, not sure if the layers are off but a Plan is currently being written for the patterened fen ERA which may shed more light on this stand.                      Soils are Markey Mucky Peat.</p>														
74	N 0	N 0	6		0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Markey Mucky Peat.</p>														
75	N 0	N 0	2		0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Markey Mucky Peat.</p>														
76	J 6	S 1	4	48	8	80	52	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand has 2 ages of jack pine but the predominate age is about 47. Stand is used by dispersed campers during hunting season and there is a hunter made stub road leading into stand. To try and close or block the road would be futile since they would make another somewhere else. When the stand is cut it will be obliterated.</p>														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 31

Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H								
77	N 0	N 0	4	0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI                      This stand was delineated by MNFI as a patterened fen and discovered via the certification layers. A plan is currently being written for the ERA which will give guidance to this stand.</p> <p>Soils are Markey Mucky Peat.</p>													
78	N 0	N 0	3	0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Markey Mucky Peat.</p>													
79	N 0	N 0	3	0	0	15	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Markey Mucky Peat.</p>													
80	M 6	W 3	17	10	110	55	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand is poor quality red maple with pockets of hemlock. There is excellent white pine regen throughout. Cut stand and manage for white pine. Thin stand heavy enough to enhance white pine regen but not to heavy to scald it. Protect the pockets of hemlock where they occur by not thinning within them and leave the beech mast trees. Soils are Duck Crowell and the habitat type is PARVAa</p>													
81	R 6	R 3	8	49	9	140	57	red pine	immature	N	10-19 years	0	
<p>comnts Fmd : Stand should have been thinned with Section 28 Marsh Sale. There will be an oppurtunity to thin with compartment 32 in 2010. Stand is 2 aged with many mother trees but am featuring the younger age. Soils are Rubicon Crosswell Deford Complex and Habitat Type is PVE.</p>													
82	R 6	R 3	1	49	9	140	57	red pine	immature	N	10-19 years	0	
<p>comnts Fmd : Stand should have been thinned with Section 28 Marsh Sale. There will be an oppurtunity to thin with compartment 32 in 2010. Stand is 2 aged with many mother trees but am featuring the younger age. Soils are Rubicon Crosswell Deford Complex and Habitat Type is PVE.</p>													
83	R 6	R 3	1	49	9	140	57	red pine	immature	N	10-19 years	0	
<p>comnts Fmd : Stand should have been thinned with Section 28 Marsh Sale. There will be an oppurtunity to thin with compartment 32 in 2010. Stand is 2 aged with many mother trees but am featuring the younger age. Soils are Rubicon Crosswell Deford Complex and Habitat Type is PVE.</p>													
<b>Total Acres.....</b>			<b>2390</b>										