

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 32

Entry Year: 2010

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

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	N0	N0	3		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI</p> <p>Soils are MarkeyMucky Peat</p>														
2	W9	W2	19	89	14	110	51	white pine	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : ERA - Patterened Fen Delineated by MNFI</p> <p>POG - I am nominating this stand for old growth status since it should have been part of the 1997 plan which locks in to the north. In addition the Seney Refuge is immediately to the east. The stand represents late successional forest characteristics.</p> <p>Soils are Neconish-Kinross-Wainola Complex</p>														
3	L0	L0	25		0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : POG - I am nominating this stand for old growth status since it should have been part of the 1997 plan which locks in to the north. In addition the Seney Refuge is immediately to the east. The stand is a riparian area for a northern fork of Duck Creek and there are several patches of within this low type which have water stressed red pine.</p> <p>Soils are Deford-Tawas-AuSable Mucks.</p>														
4	J6	J3	101	31	6	70	51	jack pine	immature	N		20-29 years	0	
<p>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. Stand was salvaged in 1980 as well.</p>														
5	J3	J3	80	13	2	0	53	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Stand was cut as part of No Name Lake Sale, sale closed and was scarified in 1995. As indicated below the ridges did not take real well so the ridges were machine planted. The ridges are still less stocked than the remainder. Soils are Kinross-Augres-Rubicon and the Habitat Type is PArV</p> <p>19 acres machine planted in spring 2001 (ridges) , stand was stand 6 on old inventory, do a regen check in summer 2002 (10/18/05 AP) Regen count results - 526 jack pine, 268 mixed species (12/28/05) FTP closed with a letter</p>														
6	J5	S2	17	60	10	60	48	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand was cut adjacent on both sides in the early 60's. Jack pine is mature and starting to fall apart. There are going to be green-up issues with the stand to the north which was set up in the winter of 2008. Visual Management is not at all a concern in this area since it is very remote and not visible from any roads. There are scattered red pine and white pine within the, stand leave some. Retention should be excluded patches along the N types. Acceptable regeneration will be jack pine and black spruce. Soils are Kinross-Augres-Rubicon and the Habitat Type is PArV</p>														
7	R8	S1	10	86	14	60	51	red pine	old growth (potential or actual)	Y		30-39 years	0	
<p><u>Treatment Limiting Factors:</u></p> <p>Potential or designated old growth</p> <p>comnts Fmd : POG - I am nominating this stand for old growth status since it should have been part of the 1997 plan which locks in to the north. In addition the Seney Refuge is immediately to the east. The stand represents late successional forest characteristics.</p> <p>Soils are Neconish-Kinross-Wainola Complex</p>														
8	L0	L0	124		0	0	10	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Duck Creek runs through stand. Stand contains some red pine islands less than an acre which are heavily water stressed. Soils are Deford-Tawas-AuSable Mucks.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
9	R9	W2	39	89	16	80	49	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Stand is a nice mature stand of pine which is actually 3 aged. Due to access issues and the poor pine log markets hold stand till the adjacent jack pine stands are mature and harvest together as one large sale. Soils are Neconish-Kinross-Wainola Complex</p>														
10	J5	S2	23	60	10	60	48	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Jack pine is mature and starting to fall apart. There are going to be green-up issues with the stand to the north which was set up in the winter of 2008. Visual Management is not at all a concern in this area since it is very remote and not visible from any roads. There are scattered red pine and white pine within the, stand leave some. Retention should be excluded patches along the N types. Acceptable regeneration will be jack pine and black spruce. Soils are Kinross-Augres-Rubicon and the Habitat Type is PArV</p>														
11	J5	J2	23	31	6	50	49	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : This stand is more open grown than the adjacent stand of jack pine. In addition the stand has numerous drainages. Soils are Neconish-Kinross-Wainola Complex</p>														
12	J6	W1	96	74	10	80	52	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : This stand has two different ages of jack pine but the bulk of the stand can not hold for another decade. There is a lot of mortality occurring on the east side of stand. In addition there are areas of red pine especially on the west side of the stand. Mark these areas appropriately to provide regeneration but leave an adequate seed source. Retention should be patches excluded by red line along the marsh edges. Acceptable regeneration is jack pine and red pine as well as spruce where it may currently occur. Soils are Kinross-Augres-Rubicon Complex. Make sure to buffer Duck Creek 100'.</p>														
13	W8	W2	6	87	14	60	49	white pine	immature	N		10-19 years	0	
<p>comnts Fmd : Due to access issues and the poor pine log markets hold stand till the adjacent jack pine stands are mature and harvest together as one large sale. Soils are Neconish-Kinross-Wainola Complex</p>														
14	N0	N0	2		0	0	10	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils are Kinross-Augres-Rubicon Complex.</p>														
15	J6	S2	3	44	9	100	49	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was cut around 1962 or 1963. Soils are Markey Mucky Peat.</p>														
16	J6	S1	29	44	9	100	53	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was cut in the 1962 or 1963. Stand is nice jack pine with scattered red pine and clusters of spruce as well. There are some mature patches as well. Soils are Finch Spot Complex and the habitat type is PArVAa.</p>														
17	R6	S1	13	53	10	140	54	red pine	two aged	N	thinning	within 0-9 years	2	
<p>comnts Fmd : Stand is 2 aged or even 3 aged in places. The bulk of the stand is thick red pine poles which need to be thinned. In addition areas with mother trees need to be cut to release poles and saplings. Areas which are thick to jack pine may be thinned appropriately to regenerate the patch. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.</p>														
18	J6	J3	8	31	6	70	51	jack pine	immature	N		20-29 years	0	
<p>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.</p>														
19	Z0	Z0	19		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This stand is an intermitten Lake which boundaries do fluctuate.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
20	R6	S 1	2	80	11	90	54	red pine	mature	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Stand is an isolated island of pine, most of the larger islands in the compartment are being treated this entry year, this stand should be left for retention. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.														
21	J6	S 2	14	70	10	100	53	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is consists mostly of jack pine ridges with pockets of pine logs throughout. Stand will have to be cut in the winter. Concentrate on leaving smaller diameter red pine and windfirm red pine over 24" in diameter. Retention should be accomplished by leaving patches along edges of marsh excluded with the red line. Regenerating this stand and other surrounding jackpine islands is going to be challenging. Scarification is truly the best method to get this done. To accomplish this consider either making it a part of the sale contract since the producer would have better control of the temporary road which will be needed to cut the sale or leave the roads in place for the regular contractor and have DNR staff pull the fill after the stands are scarified. In either case it will be critical to get the stand scarified in the summer following harvest. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.														
22	J6	W 1	7	67	10	70	50	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand was selectively cut to leave seed trees in 1962. Now the stand is 2 aged and the older age class will not hold any longer. If stand is held it will be too small to sell alone next entry. This coupled with a need to balance age classes the stand should be cut now. There are scattered red pine in stand as well, most could be left if windfirm. Get fisheries input regarding buffer along L type where Duck Creek is. Soils are Rousseau-Neconish Spot Complex and the Habitat type is PVE.														
23	J3	J 3	124	15	2	0	54	jack pine	immature	N		40-49 years	0	
comnts Fmd : Very nice stand of J3. Stand was the Old Joe Sale cut in the early 90's. Soils are Kinross-Augres-Rubicon Complex and the habitat type is PArV.														
24	R5	J 2	5	25	8	60	53	red pine	two aged	N		30-39 years	0	
comnts Fmd : Stand was in the early 1980's as part of Marsh Island Sale, this stand was not cut as hard as the others which resulted in a 2 aged stand. Given this is a small isolated island feature understory even though it types as an R5.														
25	J4	J 2	6	25	5	30	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in the early 1980's as part of the Marsh Island Sale. Stand is transitioning nicely to jack pine and red pine poles. The lower ground is regenerating to spruce. Soils are Rubicon Croswell Deford Complex and the habitat type is PVE.														
26	J4	J 2	8	25	5	30	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in the early 1980's as part of the Marsh Island Sale. Stand is transitioning nicely to jack pine and red pine poles. The lower ground is regenerating to spruce. Soils are Rubicon Croswell Deford Complex and the habitat type is PVE.														
27	R4	J 2	17	25	5	30	52	red pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in the early 1980's as part of the Marsh Island Sale. Stand is transitioning nicely to jack pine and red pine poles. The lower ground is regenerating to spruce. Soils are Rubicon Croswell Deford Complex and the habitat type is PVE.														
28	J4	J 2	28	25	5	30	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in the early 1980's as part of the Marsh Island Sale. Stand is transitioning nicely to jack pine and red pine poles. The lower ground is regenerating to spruce. Soils are Rubicon Croswell Deford Complex and the habitat type is PVE.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
29	J3	J3	138	8	1	10	52	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Stand all cut summer 2000 partially scarified 12 acres fall 2000. [7-22-02] Sale is now close (Highwater Bumps). Most of the residual red pine blew down during a windstorm in summer of 2001 and were never salvaged. [3/15/04 BB] Received a completion for 54 acres of Seeding, Don indicates this is the back portion of the sale that was inaccessible during summer months. Seeding was done over the snow from a snowmobile. Schedule a regen check in 2007. (1/19/06AP) Regen walkthrough was done by TMS. Stand is fully regenerated. CLOSE FTP-C41-964</p> <p>New Comments; Much of the red pine that was left blew over. However, many of the areas with red pine reserves did regenerate with red pine. Residual red pine is approximately 10 square feet overall, thicker in some areas especially west edge. Soils are Kinross-Augres-Rubicon Complex and the habitat type is PArV.</p>														
30	R4	R2	12	25	6	30	52	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Stand was cut between 1981-1985 Marsh Islands Sale. Good regeneration of red pine, jack pine, white pine, aspen and birch. Stand could easily be typed as J4. Soils are Rubicon-Croswell-Deford Complex and Habitat Type is PVE.</p>														
31	R6	S1	11	79	11	120	55	red pine	two aged	Y	shelterwood-seed	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage</p> <p>comnts Fmd : Stand is predominately Red Pine some jack pine not showing on plots. Stand is 2 or 3 aged. Access to the stand is going to be very challenging. Access will be via island hopping from the northwest through some small islands the are not typed out. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.</p>														
32	J3	J3	16	13	2	0	53	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Stand was cut as part of No Name Lake Sale, sale closed and was scarified in 1995. There is quite a lot of lower ground in stand and also some residual smaller diameter spruce and jack pine on the south end. Soils are Kinross-Augres-Rubicon and the Habitat Type is PArV</p>														
33	J6	S1	32	74	11	100	53	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand is consists mostly of jack pine ridges with pockets of pine logs throughout especially on south end. Stand will have to be cut in the winter. Concentrate on leaving smaller diameter red pine and windfirm red pine over 24" in diameter. Retention should be accomplished by leaving patches along edges of marsh excluded with the red line. Regenerating this stand and other surrounding jackpine islands is going to be challenging. Scarification is truly the best method to get this done. To accomplish this consider either making it a part of the sale contract since the producer would have better control of the temporary road which will be needed to cut the sale or leave the roads in place for the regular contractor and have DNR staff pull the fill after the stands are scarified. In either case it will be critical to get the stand scarified in the summer following harvest. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.</p>														
34	R6	S1	9	79	11	110	51	red pine	two aged	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand is 2 aged with many areas of mother trees. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Stand 81 in compartment 31 should be scheduled at the compartment review to set up with this stand, the stand already has similar remarks. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.</p>														
35	R6	S1	4	80	11	90	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand has a fairly even mix of jack pine and red pine. The amount of jack pine is the result of this stand being a pole stand rather than a log stand. Stand has quite a bit of blowdown on the edges. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.</p>														

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					B	Tot. BA	Site Indx							
36	W 9	M 2	14	81	14	120	52	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand is 2-3 aged, the fringes are white pine and the interior is more red pine. The low ground connections are tamarack. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Retention will occur by excluding islands and fringes of trees along the edges that are difficult to access, these areas will also provide some corridor qualities.														
37	R 9	W 1	22	82	14	90	54	red pine	two aged	Y	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand is a sprawling Island of ridges which include red and white pine. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Retention will occur by excluding islands and fringes of trees along the edges that are difficult to access, these areas will also provide some corridor qualities.														
38	R 7	R 2	30	66	12	30	47	red pine	two aged	N		10-19 years	0	
comnts Fmd : Hand plant open areas. [12/19/06 BB] Sale is now closed. This unit was cut in the winter of 2005 and roads were removed in the summer of 2005. Prescription was for a thinning so regen does not need to be tracked. However, original comment was to hand plant open areas. Since the compartment will be re-inventoried next year and roads have been pulled check for the need to plant then.														
39	J 6	S 1	9	70	11	80	53	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is consists mostly of jack pine ridges with pockets of pine logs throughout. Stand will have to be cut in the winter. Concentrate on leaving smaller diameter red pine and windfirm red pine over 24" in diameter. Retention should be accomplished by leaving patches along edges of marsh excluded with the red line. Regenerating this stand and other surrounding jackpine islands is going to be challenging. Scarification is truly the best method to get this done. To accomplish this consider either making it a part of the sale contract since the producer would have better control of the temporary road which will be needed to cut the sale or leave the roads in place for the regular contractor and have DNR staff pull the fill after the stands are scarified. In either case it will be critical to get the stand scarified in the summer following harvest. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.														
40	R 7	R 2	46	66	12	30	45	red pine	two aged	N		10-19 years	0	
comnts Fmd : Hand plant open areas [12/19/06 BB] Sale is now closed. This unit was cut in the winter of 2005 and roads were removed in the summer of 2005. Prescription was for a thinning so regen does not need to be tracked. However, original comment was to hand plant open areas. Since the compartment will be re-inventoried next year and roads have been pulled check for the need to plant then.														
41	H 9	F 1	37	101	12	140	54	hemlock	immature	N		10-19 years	0	
comnts Fmd : Nice stand of closed canopy hemlock, the eastern edge is heavy to white pine.														
42	H 9	F 1	6	101	12	140	54	hemlock	immature	N		10-19 years	0	
comnts Fmd : Nice stand of closed canopy hemlock.														
43	R 7	F 1	27		14	30	57	red pine	two aged	N		10-19 years	0	
comnts Fmd : Hand plant open areas [12/19/06 BB] Sale is now closed. This unit was cut in the winter of 2006 and roads were removed in the summer of 2006. Prescription was for a thinning so regen does not need to be tracked. However, original comment was to hand plant open areas. Since the compartment will be re-inventoried next year and roads have been pulled check for the need to plant then.														

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					D	Tot. BA	Site Indx							
44	R6	S1	40	80	11	100	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
comnts Fmd : Stand has a fairly even mix of jack pine and red pine. The amount of jack pine is the result of this stand being a pole stand rather than a log stand. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Retention will occur by excluding islands and fringes of trees along the edges that are difficult to access, these areas will also provide some corridor qualities.														
45	L0	L0	3		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
46	W7	W1	36		14	30	50	white pine	immature	N		10-19 years	0	
comnts Fmd : [12/19/06 BB] Sale is now closed. This unit was cut in the winter of 2006 and roads were removed in the summer of 2006. Prescription was for a selection so the stand will need a regen check in 2010. The TCR date is 12/14/06.														
47	R9	W1	3	82	14	90	54	red pine	two aged	Y	shelterwood-seed	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage														
comnts Fmd : Stand is an Island ridges which include red and white pine. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.														
48	J5	S2	11	44	8	40	48	jack pine	immature	N		10-19 years	0	
comnts Fmd : Stand was cut in the early 1960's, not very thorough though. There are some areas of relic jack pine. Soils are Kinross-Augres-Rubicon complex and the habitat type is PARV.														
49	R7	R2	4	66	12	40	45	red pine	two aged	N		30-39 years	0	
comnts Fmd : [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, this stand was added to Timbersale # 41-034-98-01 in Compartment 31 because the it was the only way and time the small stand could be treated. Permissions were granted and on file in the Compartment file to treat the stand out of entry. However, at the time it was old inventory and the stand number was 40. Original cultural codes to the north called for scarification but due to the location and residual trees left. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.														
50	R7	R2	7	66	12	40	45	red pine	two aged	N		30-39 years	0	
comnts Fmd : [1/17/03 BB] Stand was cut between the winters of 1998 and 2002, this stand was added to Timbersale # 41-034-98-01 in Compartment 31 because the it was the only way and time the small stand could be treated. Permissions were granted and on file in the Compartment file to treat the stand out of entry. However, at the time it was old inventory and the stand number was 40. Original cultural codes to the north called for scarification but due to the location and residual trees left. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.														
51	R6	S1	1	80	11	90	54	red pine	mature	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Stand is an isolated island of pine, most of the larger islands in the compartment are being treated this entry year, this stand should be left for retention. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.														
52	J5	S2	17	44	8	40	48	jack pine	immature	N		10-19 years	0	
comnts Fmd : Stand was cut in the early 1960's, not very thorough though. There are some areas of relic jack pine. Soils are Kinross-Augres-Rubicon complex and the habitat type is PARV.														

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					B	Tot. BA								
53	R 6	S 2	4	70	11	70	53	red pine	mature	N	final harvest	within 0-9 years	2	
<p>comnts Fmd : Stand has a fairly even mix of jack pine and red pine. The amount of jack pine is the result of this stand being a pole stand rather than a log stand. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.</p>														
54	W 9	W 1	4	81	14	130	52	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage</p> <p>comnts Fmd : Much like the other small islands, the fringes really need to be cut. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.</p>														
55	W 4	A 3	14	33	6	30	54	white pine	two aged	N		20-29 years	0	
<p>comnts Fmd : Stand was cut in 1975 and the stand regenerated to a mix of species including white pine, hardwood, aspen, spuce and tamarack. Typing stand as white pine since there is some residual that makes the stand 2 aged. Manage for understory.</p>														
56	J 6	S 1	26	71	10	110	52	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Stand is ridges of jack pine with other species mixed in. Stand will have to be cut in the winter. Concentrate on leaving smaller diameter red pine and windfirm red pine over 24" in diameter. Retention should be accomplished by leaving patches along edges of marsh excluded with the red line. Regenerating this stand and other surrounding jackpine islands is going to be challenging. Scarification is truly the best method to get this done. To accomplish this consider either making it a part of the sale contract since the producer would have better control of the temporary road which will be needed to cut the sale or leave the roads in place for the regular contractor and have DNR staff pull the fill after the stands are scarified. In either case it will be critical to get the stand scarified in the summer following harvest. Soils are Rubicon-Croswell-Deford Complex and the habitat type is PVE.</p>														
57	W 9	M 2	12	81	14	120	52	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand is 2-3 aged, the fringes are white pine and the interior is more red pine. The low ground connections are tamarack. Do a shelterwood seed tree leaving a good seed source of trees. Due to the poor pine log markets pine over 24 inches should be left for seed. Regeneration should occur naturally much like the stands that were cut to the west 10 years ago. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.</p>														
58	R 9	S 2	7	83	14	110	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage</p> <p>comnts Fmd : Stand is red and white pine logs with pockets of jack pine especially on south end. Cut stand, do a shelterwood seed to red and white pine, cut all other species except oak. Cut stand hard enough to open stand up and concentrate on leaving smaller diameter trees and large diameter wind firm trees. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.</p>														
59	W 9	W 1	3	81	14	130	52	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage</p> <p>comnts Fmd : Much like the other small islands, the fringes really need to be cut. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.</p>														
60	W 4	A 3	4	33	6	30	54	white pine	two aged	N		20-29 years	0	
<p>comnts Fmd : Stand was cut in 1975 and the stand regenerated to a mix of species including white pine, hardwood, aspen, spuce and tamarack. Typing stand as white pine since there is some residual that makes the stand 2 aged. Manage for understory.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
61	J3	J3	2	8	1	0	54	jack pine	immature	N		40-49 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>														
62	J6	S1	1	50	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>														
63	L0	L0	3		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
64	J3	J3	2	8	1	10	52	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Stand all cut summer 2000 [7-22-02] Sale is now close (Highwater Bumps). Most of the residual red pine blew down during a windstorm in summer of 2001 and were never salvaged. [3/15/04 BB] Received a completion for 54 acres of Seeding, Don indicates this is the back portion of the sale that was inaccessible during summer months. Seeding was done over the snow from a snowmobile. Schedule a regen check in 2007. (1/19/06AP) Regen walkthrough was done by TMS. Stand is fully regenerated. CLOSE FTP-C41-964</p> <p>New Comments; Much of the red pine that was left blew over. However, many of the areas with red pine reserves did regenerate with red pine. Residual red pine is approximately 10 square feet overall, thicker in some areas especially west edge. Soils are Kinross-Augres-Rubicon Complex and the habitat type is PArV.</p>														
65	R9	S2	5	83	14	110	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand is red and white pine logs with pockets of jack pine and spruce. Cut stand, do a shelterwood seed to red and white pine, cut all other species except oak. Cut stand hard enough to open stand up and concentrate on leaving smaller diameter trees and large diameter wind firm trees. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE.</p>														
66	R9	S2	2	83	14	110	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Inadequate volume due to small acreage</p> <p>comnts Fmd : Stand is red and white pine logs with pockets of jack pine and spruce. Cut stand, do a shelterwood seed to red and white pine, cut all other species except oak. Cut stand hard enough to open stand up and concentrate on leaving smaller diameter trees and large diameter wind firm trees. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Stand is factored because it may not be large enough to warrant the BMP work to get to stand. However, stand may be included with adjacent stands.</p>														
67	R4	R2	4	25	6	30	52	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Stand was cut between 1981-1985 Marsh Islands Sale. Good regeneration of red pine, jack pine, white pine, aspen and birch. Soils are Rubicon-Croswell-Deford Complex and Habitat Type is PVE.</p>														
68	R4	R2	4	25	6	30	52	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Stand was cut between 1981-1985 Marsh Islands Sale. Good regeneration of red pine, jack pine, white pine, aspen and birch. There is a small portion R9 left un-cut on the East Side along the ridge. Soils are Rubicon-Croswell-Deford Complex and Habitat Type is PVE.</p>														

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

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 32

Entry Year: 2010

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

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
69	R 9	S 2	31	83	14	110	54	red pine	mature	Y	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Stand is red and white pine logs with pockets of jack pine and spruce. Cut stand, do a shelterwood seed to red and white pine, cut all other species except oak. Cut stand hard enough to open stand up and concentrate on leaving smaller diameter trees and large diameter wind firm trees. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Retention will occur by excluding islands and fringes of trees along the edges that are difficult to access, these areas will also provide some corridor qualities.</p>														
70	J 6	S 1	6	44	9	100	53	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was cut in the 1962 or 1963. Stand is nice jack pine with scattered red pine and clusters of spruce as well. There are some mature patches as well. Soils are Finch Spot Complex and the habitat type is PArVAa.</p>														
71	N 0	N 0	803			0	5	marsh	nonstocked	N		not scheduled	0	
72	N 0	N 0	645			0	5	marsh	nonstocked	N		not scheduled	0	
73	N 0	N 0	2			0	5	marsh	nonstocked	N		not scheduled	0	
74	N 0	N 0	4			0	5	marsh	nonstocked	N		not scheduled	0	
75	W 9	S 1	10	79	14	140	54	white pine	two aged	N	shelterwood-seed	within 0-9 years	2	
<p>comnts Fmd : Pine island 2-3 aged. Stand needs to be cut, leave oak. More white pine on south end. Stand has 2 ages of jack pine but the predominate age is about 47. Soils are Rubicon-Croswell-Deford Complex and the Habitat type is PVE. Retention will occur by excluding islands and fringes of trees along the edges that are difficult to access, these areas will also provide some corridor qualities.</p>														
76	N 0	N 0	8			0	5	marsh	nonstocked	N		not scheduled	0	
77	S 5	S 3	1	43	7	50	52	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Stand was cut through in the 60's with stand 12 compartment 31. However, it was not very thorough, more like a salvage cut resulting in pockets of mature trees being 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.</p>														

Total Acres..... 2993