

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	R 6	W 2	3	58	10	80	50	red pine	immature	N	shelterwood-prep	within 0-9 years	2	
comnts Fmd : 1999: Cut with Cmp 127 adjacent stand 2009: Small stand; cut with adjacent stand 84 in c.127 (YOE 2008). Shelterwood-prep; thin to 40-50 BA of mixed red and white pine. Leave all oak, and any other species needed for retention. Soil=Rubicon sand														
2	R 5	M 2	37	48	8	60	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Hardwood and aspen were removed in 2002. Ground cover consists of blueberry and brackenfern where canopy provides cover, and grass and reindeer moss where there are openings in the canopy. Regeneration consists of red maple, aspen, and red, white and jack pines. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes														
3	R 4	A 1	17	48	9	30	45	red pine	immature	N		20-29 years	0	
comnts Fmd : Sparse red pine plantation. Hardwoods and aspen were removed in 2002. Soil=Rubicon Sand 0-6% slopes														
4	R 5	M 1	17	48	8	60	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Hardwood and aspen were removed in 2002. BA is variable; blueberry and brackenfern are growing where the BA is higher, and grass and reindeer moss are in the open areas. 35/1=red and white pine 35/2=jack and white pine soil=Rubicon Sand 0-6% slopes														
5	R 5	W 2	53	44	8	50	46	red pine	immature	N		20-29 years	0	
comnts Fmd : Competing hardwoods cut last entry. Regeneration consists of red maple, aspen, white pine, jack pine and red pine. Soil=Rubicon Sand 0-6% slopes														
6	R 5	W 1	19	44	8	40	47	red pine	immature	N		20-29 years	0	
comnts Fmd : A lot of open areas within the stand. Regeneration consists of aspen, white pine, red pine and jack pine. Soil=RubiconSand 0-6% slopes														
7	J 2	J 2	73	19	3	10	48	grass	immature	N		within 0-9 years	0	opening maintenance
comnts Fmd : Convert to grass - part of large opening complex. Cut all trees except paper birch and oak. Scattered merchantable trees include: jack pine, red pine, white pine, aspen, red maple and paper birch (91/2). Soil=Rubicon Sand 0-6% slopes Wld : As part of the over-all effort to consolidate the large openings within the core open land corridor, this stand will be converted to grass in exchange for converting stand 68 into plantation jack pine and allowing an additional ~ 40 acres to convert to natural pine. Those natural pine acres have been added to Stand 67.														
8	R 6	W 1	8	44	8	80	47	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Planted RP with variable BA due to poor row integrity. Clearcut and plant to Jack Pine. Mark 10-20 BA of leave trees for retention, leaving representatives of all species currently on site. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
9	R 6	W 1	10	44	8	80	47	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Planted RP with variable BA due to poor row integrity. Clearcut and plant to Jack Pine. Mark 10-20 BA of leave trees for retention, leaving representatives of all species currently on site. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
10	R 6	W 1	10	44	8	80	47	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Planted RP with variable BA due to poor row integrity. Clearcut and plant to Jack Pine. Mark 10-20 BA of leave trees for retention, leaving representatives of all species currently on site. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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								
11	R 6	W 1	9	44	8	80	47	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted RP with variable BA due to poor row integrity. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes														
12	W 4	A 2	54	37	8	30	45	white pine	immature	N		10-19 years	0	
comnts Fmd : Old grass stand filling in with trees (white pine, jack pine, aspen, red pine). Part of a swap involving grass and treed areas: let regenerate naturally. Ground cover includes grass, lichen, blueberry and brackenfern. 35/2=jack and red pine soil=Rubicon Sand 0-6% slopes														
13	W 6	W 3	5	47	10	110	50	white pine	immature	N		10-19 years	0	
comnts Fmd : Large white and red pine scattered throughout. Regeneration consists mainly of white pine and red maple.														
14	R 6	W 1	11	44	8	90	47	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted RP with variable BA due to poor row integrity. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes														
15	R 6	W 1	13	44	8	90	47	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted RP with variable BA due to poor row integrity. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. 35/2=white and jack pine soil=Rubicon Sand 0-6% slopes														
16	R 5	W 1	9	44	8	50	46	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted RP - rows are often sparse. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. soil=Rubicon Sand 0-6% slopes														
17	R 5	W 1	6	44	8	50	46	red pine	immature	N		10-19 years	0	
comnts Fmd : Planted RP - rows are often sparse. Ground cover under the trees consists of blueberry and brackenfern; in open areas it consists mainly of grass and lichens. Regeneration is sparse - some red, white and jack pine, aspen and red maple. soil=Rubicon Sand 0-6% slopes														
18	R 7	W 3	41	72	14	30	48	red pine	two aged	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Shelterwood/seed cut in 2000 - scattered red and white pine left. Regeneration is a mix of white pine, red maple, jack pine and red pine. Ground cover species include: blueberry, brackenfern, grass, lichen, and sweetfern. Soil=Rubicon Sand 0-6% slopes														
19	J 2	J 2	40	17	2	10	48	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack pine with some red maple, aspen and white pine. Scattered residual tree species are red pine, jack pine and white pine (91/2). Soil=Rubicon Sand 0-6% slopes														
20	R 7	J 3	65	72	14	30	48	red pine	two aged	N		20-29 years	0	
comnts Fmd : Shelterwood/seed cut in 2001 - scattered red and white pine were left. Regeneration species include: white pine, jack pine, red pine, red maple, and aspen. Soil=Rubicon Sand 0-6% slopes														
21	J 2	J 2	103	19	3	0	48	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack pine with some red maple and aspen. Small grassy openings throughout. A few scattered residual trees (<10 BA): red pine, white pine, jack pine, red maple, and paper birch. Soil=Rubicon Sand 0-6% slopes														
22	J 6	J 1	14	37	6	70	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : J3 last entry. Ground cover includes blueberry, grass and moss. Soil=Rubicon Sand 0-6% slopes														

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 126 Entry Year: 2009

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
23	J 5	J 1	3	37	6	60	48	jack pine	immature	N	20-29 years	0		
comnts Fmd : J3 last entry. Soil=Rubicon Sand 0-6% slopes														
24	J 2	J 2	82	19	3	0	48	jack pine	immature	N	30-39 years	0		
comnts Fmd : Patchy Jack Pine regeneration, with scattered small grassy openings. Ground cover consists mainly of grass and lichen. Soil=Rubicon Sand 0-6% slopes														
25	J 2	J 2	25	18	3	0	48	jack pine	immature	N	30-39 years	0		
comnts Fmd : Jack Pine with scattered small grassy openings. A few widespread residual red and white pine (<10BA). Ground cover consists mainly of grass and lichen. Soil=Rubicon sand 0-6% slopes														
26	J 2	J 2	172	25	2	0	48	jack pine	immature	N	30-39 years	0		
comnts Fmd : Variable density jack pine (J1-J3). Soil=Rubicon Sand 0-6% slopes														
27	J 6	J 1	25	37	6	70	47	jack pine	immature	N	20-29 years	0		
comnts Fmd : J3 last entry; many trees are still less than 5" DBH. Regeneration is sparse: some jack pine, white pine and aspen. There are a few white pine, red pine and aspen in the canopy. Soil=Rubicon Sand 0-6% slopes														
28	J 6	J 1	52	37	6	70	48	jack pine	immature	N	20-29 years	0		
comnts Fmd : J3 last entry. Jack pine with red pine mixed into the rows. Ground cover consists of blueberry, grass and brackenfern. Soil=Rubicon Sand 0-6% slopes Habitat type=PVE														
29	R 5	W 2	65	46	8	50	50	red pine	immature	N	20-29 years	0		
comnts Fmd : Thinned in 2000. Regeneration species include: white pine, aspen, red maple, with some jack and red pine. 35/2=white and jack pine soil=Rubicon sand 0-6% slopes Habitat Type= PVE														
30	R 6	W 3	39	52	9	90	48	red pine	immature	N	20-29 years	0		
comnts Fmd : Thinned last entry. Regeneration species include: white pine and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
31	W 3	W 3	33	8	1	20	50	white pine	immature	N	40-49 years	0		
comnts Fmd : Thinned last entry. Some residual red and white pine. Regeneration is a mix of white pine, red maple, and aspen with some jack and red pine. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
32	W 5	W 3	22	57	9	50	50	white pine	immature	N	20-29 years	0		
comnts Fmd : Thinned last entry. Regeneration is a mix of white pine, red maple, aspen and a few red pine. Soil=Rubicon Sand 0-6% slopes Habitat Type =PVE														
33	A 3	A 3	76	10	2	10	50	aspen (upland)	immature	N	40-49 years	0		
comnts Fmd : [4-29-04]Thinned under TS # 54-99 Sunken Complex; sale is now closed. Stand contains a mix of aspen with r.maple, jack, white and red pine; some areas with low density. Scattered residual trees (91/2) include: red pine, white pine, oak, and paper birch. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE														
34	J 3	J 3	54	6	1	0	48	jack pine	immature	N	40-49 years	0		
comnts Fmd : (05-21-01): JP planted under C41-724; schedule regen check in 2002. [9-4-03 RFT] 2003 survey indicates 298 JP + 215 other trees per acre - regen is successful. Soil=Rubicon Sand 0-6% slopes Habitat type=PVE														
35	W 5	W 3	67	42	10	40	49	white pine	immature	N	30-39 years	0		
comnts Fmd : Cut last entry. Regeneration is a mix of white pine, red maple and aspen. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE														

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

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
36	R 5	W 2	63	46	8	60	50	red pine	immature	N		20-29 years	0	
comnts Fmd : [4-29-04] This stand was thinned under TS # 54-99 Sunken Complex; sale is now closed. Planted RP of variable BA. Regeneration species are a mix of white pine, red maple and aspen. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
37	W 5	W 3	29	47	10	50	50	white pine	immature	N		20-29 years	0	
comnts Fmd : [4-29-04] Thinned under TS # 54-99 Sunken Complex; sale is now closed. Widespread large pine. Regeneration species include: white pine, aspen, and red maple. Soil=Rubicon Sand, 0-6% slopes														
38	R 8	R 3	17	59	14	50	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand was cut with TS#04-00. Soils=Proper Fine Sand														
39	R 6	W 2	3	59	9	190	53	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Natural red pine stand. Thin to 100 sq. ft. basal area. Make sure to keep equipment operation in mind when marking stand. If needed stand can be marked to a lower basal area. Soils: Rubicon Sand  Retention: Do not cut hemlock and oak. Mark red pine and white pine to cut.														
40	R 5	M 3	43	46	8	60	50	red pine	immature	N		20-29 years	0	
comnts Fmd : Hardwood and aspen were removed last entry. Regeneration species are a mix of aspen, red maple and white pine. 35/2=white and jack pine soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE														
41	S 3	S 3	9	6	1	0	49	black spruce-swamp	immature	N		70-79 years	0	
comnts Fmd : Cut under TS#04-00 TCR dtd 10/14/01. Stand is well stocked with a mixture of regeneration. Most of the regeneration is black spruce. Soils:Finch-Spot														
42	W 5	A 3	70	43	8	60	52	white pine	immature	N		20-29 years	0	
comnts Fmd : Stand was cut with TS#54-99, Sunken Lake Complex. Stand is mostly white pine poles with an aspen understory. Soils: Rubicon Sand														
43	W 8	A 3	10	67	12	50	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Soils: Rubicon Sand														
44	R 9	O 3	39	53	14	70	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Even mixture of red pine and white pine. Understory is a mix of pine and oak. Soils: Rubicon Sand														
45	J 3	A 3	36	10	1	0	58	jack pine	immature	N		50-59 years	0	
comnts Fmd : Scarified under C41-724. Part of area (24 ACRES) already regenerated to J3 - regen ok in 2000. (05-14-01): JP planted in the rest of the stand under C41-724; schedule regen check in 2002. [9-4-03 RFT] 2003 survey indicates 298 JP + 215 other trees per acre - regen is successful. Soils: Rubicon Sand														
46	R 6	W 3	91	59	9	100	53	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Stand was sold last year of entry but never cut. Both orange and yellow paint are present, so marking may need to be in a different color. Basal area is inconsistent with patches of red pine throughout stand. Stand could benefit from a light thinning. Thin higher densities of pine where needed.  Retention: Do not cut hemlock and oak. Mark red pine and white pine to cut. Cut all other species. The southern finger of the stand should be saved as a retention patch.  Soils: Rubicon Sand														

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 126 Entry Year: 2009

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	B								
47	R 6	R 1	3	43	8	160	50	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Small red pine plantation adjacent to a larger stand that is scheduled. Row thinning.														
Retention: Cut only trees in designated rows. Do not cut hemlock and oak.														
Soils: Rubicon Sand														
48	J 3	J 3	12	13	1	0	47	jack pine	immature	N		40-49 years	0	
comnts Fmd : 2001 regen check: 716 jp/ss/ac. Soils: Rubicon Sand														
49	R 4	J 1	47	43	8	30	47	jack pine	sparse	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Previous inventory called this stand grass. It is a failed red pine plantation with old furrows and scattered 40 to 50 year old red pine and jack pine present. Most of the volume present is along the edges, but there are some islands of jack pine and red pine in the middle. Stand is a poor quality red pine site. It should be cut, trenched, and planted to jack pine. Soils: Rubicon Sand														
50	R 9	W 2	25	59	14	130	53	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : Natural red pine stand. Basal area is inconsistent and pine occurs in clumps. Thin to 100 sq. ft. basal area. Equipment operability should be taken in consideration when marking since this is a natural stand and a lower basal area is acceptable if needed.														
Retention: Leave a 3% retention patch. Cut all other species except oak and hemlock. Red pine and white pine may need to be marked in a paint color other than orange and yellow since both colors of paint were observed within the stand.														
Soils: Rubicon Sand														
51	A 4	A 3	25	30	6	30	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Two different age classes of aspen present scattered throughout the stand. Most of the aspen is younger and currently non-merchantable. Soils: Rubicon Sand														
52	R 9	W 3	45	59	14	110	53	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand is not yet ready for a thinning or regeneration cut. Trees currently have room to grow and understory is advanced. Soils: Rubicon Sand														
53	R 6	W 3	18	43	8	70	51	red pine	immature	N		20-29 years	0	
comnts Fmd : red pine plantation. Soils: Rubicon Sand														
54	R 6	O 3	52	64	9	70	52	red pine	immature	N		20-29 years	0	
comnts Fmd : Understory is a mixture of aspen, oak, and white pine. Soils: Rubicon Sand														
55	R 8	A 3	18	59	12	60	53	red pine	immature	N		10-19 years	0	
comnts Fmd : Cut with TS#54-99, Sunken Lake Complex. Understory is a mixture of aspen, oak, and white pine. Soils: Rubicon Sand														
56	W 4	W 2	6	47	8	20	50	white pine	sparse	N	final harvest	within 0-9 years	2	opening maintenance
comnts Fmd : Former grass stand that is filling in. A small amount of merchantable wood exists in this stand and should be sold with adjacent timbersale. Inmates will be needed afterwards for non-merchantable trees. Do not cut hemlock and oak. Soils: Rubicon Sand														
57	J 3	J 3	151	29	3	0	48	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack Pine interspersed with small grass openings. Scattered residual red and white pine (<10 BA). Soil=Rubicon Sand 0-6% slopes														

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

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
58	R 6	M 3	28	67	10	70	48	red pine	two aged	N		20-29 years	0	
comnts Fmd : Cut in 2001. Regeneration species include: red maple, aspen, oak, white pine, jack pine and red pine. Habitat Type=PArV Soil=Rubicon Sand 0-6% slopes														
59	W 3	W 3	71	6	1	20	49	white pine	immature	N		50-59 years	0	
comnts Fmd : Cut last entry. Regeneration is a mix of white pine, red maple, aspen, oak, jack pine and red pine. Apx 20 BA of residual trees: red pine, white pine, and oak. Soil=Rubicon Sand 0-6% slopes														
60	R 8	A 3	8	62	12	50	48	red pine	two aged	N		20-29 years	0	
comnts Fmd : Stand cut and TSI'd in 1977. Two-aged stand, red pine logs over and aspen understory. Aspen is starting to reach merchantability. Stand should be held until aspen reaches maturity. Soils: Rubicon Sand														
61	J 3	J 3	64	13	1	0	53	jack pine	immature	N		40-49 years	0	
comnts Fmd : 8 acres planted spring 1996. Regeneration check in 2000 shows these acres successfully regenerated. Rest of area needs treatment. FTP C41-668 completed 716 jp/ss/ac 1/01. Soils: Rubicon Sand														
62	R 6	R 1	29	62	9	70	52	red pine	immature	N		10-19 years	0	
comnts Fmd : Basal area is inconsistent. Stand consists of patches of red pine and open areas.  Private owner to the north of this stand has been placing no trespassing signs on state land adjacent to the road. Gate may also be on state land.  Soils: Rubicon Sand														
63	S 3	S 3	34	6	1	0	49	black spruce-swamp	immature	N		70-79 years	0	
comnts Fmd : Cut under TS#04-00 TCR dtd 10/14/01. Stand is well stocked with a mixture of regeneration. Most of the regeneration is black spruce. Soils:Steep Rubicon														
64	J 5	J 3	5	28	5	40	52	jack pine	immature	N		30-39 years	0	
comnts Fmd : Soils: Rubicon Sand														
65	O 5	O 3	8	42	8	50	50	oak	immature	N		20-29 years	0	
comnts Fmd : Cut under TS# 51-99-01 TCR dtd 6-13-01. See FTP# W41-946 (Aspen TSI, retaining pine/oak). [11/22/02] RFT - FTP W41-946 complete 11/15/02. Mix of Oak, white pine and red pine. Regeneration is a mix of oak, white pine, red maple, aspen, jack pine and red pine. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
66	J 4	J 1	118	43	7	30	50	grass	sparse	N	final harvest	within 0-9 years	2	opening maintenance
comnts Fmd : Stand is a mixture of jack pine, red pine, aspen, hardwood, and grass islands. Some of these trees are 40 to 60 years old. All cover types were lumped together during inventory last year of entry and the entire stand was called grass. Instead of managing these islands of timber individually the entire stand will be clearcut and converted to grass. Commercial wood should be lumped together with adjacent timbersale. Inmates will be needed for opening maintenance on non-merchantable trees. Do not cut hemlock and oak. Soils: Rubicon Sand  Wld : Although this stand has historically be typed as a grass stand, jack pine, white pine and aspen are encroaching. The current prescription is to harvest the merchantable wood and restore the open character of the stand. However, the habitat type (PArV) of this stand will make it difficult to maintain over the decades. Therefore, should an opportunity present itself, WLD would be open to the concept of converting this stand to a forested system in exchange for removing timber from a less productive site with the Opening Complex Corridor.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
67	R 5	W 1	101	44	8	60	48	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Variable BA - some rows are sparse. Grass and reindeer moss in the openings, blueberry and brackenfern under the canopy. Regeneration consists of white, red and jack pine, aspen and red maple. 35/1=red and white pine soil=Rubicon Sand 0-6% slopes</p> <p>Wld : The northern portions (10 acres strips) of this stand were originally typed out as grass. However, through succession, those strips are converting to natural pine. Rather than conducting opening maintenance on the strips, WLD and FMFM have agreed to return them to the forested condition iad part of an exchange for conducting opening maintenance on stand 7.</p>														
68	R 4	W 1	45	48	10	30	48	jack pine	sparse	N	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : Previously typed as grass; part of a project consolidating open areas and treed areas. Clearcut and machine plant to Jack Pine. Mark 10-20 BA of leave trees for retention, leaving representatives of all species currently on site. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE</p> <p>Wld : In an effort to consolidate openings with the Opening Complex Corridor, this stand of 10 acre stirps will be converted to plantation jack pine in partial exchange for converting stand seven into a grass type.</p>														
69	R 8	W 2	19	57	12	50	52	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Thinned in 1994. Regeneration consists of white, red and jack pines, aspen, oak and red maple. Soil=Rubicon Sand 0-6% slopes</p>														
70	R 6	M 1	19	43	8	100	49	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Planted red pine with a few jack pine, aspen, paper birch and white pine. Regeneration is sparse, consisting of red maple, red pine and white pine. Ground cover includes blueberry, brackenfern, lichen, and a few juneberry. Soil=Rubicon Sand 0-6% slopes</p>														
71	J 2	J 2	14	9	1	0	48	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : [9-4-03 RFT] 2003 survey indicates 571 JP + 96 other trees per acre - regen is successful. Jack pine with some red maple, aspen and red pine. Also a few residual white and jack pine. Soil=Rubicon Sand 0-6% slopes</p>														
72	R 6	W 2	14	43	8	100	49	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Regeneration consists of white and red pine, red maple, aspen and oak. Soil=Rubicon Sand 0-6% slopes</p>														
73	R 5	J 1	19	43	8	40	46	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Poor survival in plantation. Natural regeneration is filling in gaps: white pine, red pine, jack pine, red maple, and aspen. 35/2=jack pine and white pine soil=Rubicon Sand 0-6% slopes</p>														
74	R 6	M 2	106	47	8	80	46	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Competing species were cut out last entry. Some openings in canopy. Regeneration includes red maple, aspen, white pine, red pine, jack pine and oak. 35/1=red and white pine soil=Rubicon Sand 0-15% slopes</p>														
75	J 3	J 3	70	9	2	0	50	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : [9-4-03 RFT] 2003 survey indicates 571 JP + 96 other trees per acre - regen is successful. Scattered residual trees (&lt;10 sq.ft.) including jack pine, red pine, white pine, red maple, and aspen. Soil=Rubicon Sand 0-6% slopes</p>														
76	J 3	J 3	29	9	2	0	50	jack pine	nonstocked	N		40-49 years	0	
<p>comnts Fmd : [9-4-03 RFT] 2003 survey indicates 571 JP + 96 other trees per acre. Soil=Rubicon Sand 0-6% slopes</p>														
77	R 5	R 1	33	47	8	60	46	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Variable BA - openings in rows. Mainly red pine with some jack pine. Regeneration consists of red pine, white pine, red maple, and jack pine. Blueberry and brackenfern under the trees; grass and reindeer moss in the open areas. 35/2=white pine and jack pine soil=Rubicon Sand 0-6% slopes</p>														

## SHINGLETON FOREST AREA

## Stand Level Information

Compartment: 126 Entry Year: 2009

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	B	Tot. BA							
78	R 4	A 1	6	48	9	30	46	red pine	immature	N		20-29 years	0	
comnts Fmd : Sparse plantation. Regeneration includes white pine, red pine and aspen. 35/1=white and red pine soil=Rubicon Sand 0-6% slopes														
79	R 6	W 2	38	47	8	100	48	red pine	immature	N		10-19 years	0	
comnts Fmd : White pine is mixed in, and there are scattered paper birch clumps. Regeneration includes red pine, white pine, oak, red maple and aspen. Ground cover consists of blueberry and brackenfern, with some juneberry and hazel. 35/1=red and white pine soil=Rubicon Sand 0-6% slopes														
80	R 5	M 2	45	47	8	60	46	red pine	immature	N		10-19 years	0	
comnts Fmd : Red pine with some Jack and White pine. Scattered openings. 35/1=red and white pine soil=rubicon Sand 0-6% slopes														
81	R 4	W 1	23	48	10	30	48	jack pine	sparse	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Originally planted in 1959, with extremely poor survival. Clearcut and machine plant to Jack Pine. Mark 10-20 BA of leave trees for retention, leaving representatives of all species currently on site. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE Wld : This stand was previously typed out as grass. On-the-ground inspection reveals that it is infact a failed plantation. WLD will not object to FMFMs desire to replant this stand to jack pine.														
82	A 3	A 3	32	20	2	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mixed aspen with jack pine, white pine, red maple and paper birch. A few residual paper birch (<10 BA). Some grassy openings in the stand. Soil=Rubicon sand 0-6% slopes														
83	J 2	J 2	48	25	2	0	48	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack pine with aspen mixed in. A few merchantable trees (<10 BA) paper birch, jack pine, red pine and white pine. Soil=Rubicon Sand 0-6% slopes														
84	J 2	J 2	2	5	1	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Planted in 2002. Some natural regeneration from cut in 1996. Soil=Rubicon Sand 0-6% slopes														
85	J 2	J 2	2	5	1	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Planted in 2002. Some natural regeneration from cut in 1996. Soil=Rubicon Sand 0-6% slopes														
86	J 2	J 2	1	5	1	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Planted in 2002. Some natural regeneration from cut in 1996. Soil=Rubicon Sand 0-6% slopes														
87	R 5	M 2	16	44	8	60	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Hardwood and aspen were removed last entry. Regeneration species include: red maple, jack pine, white pine and red pine. 35/2=jack and white pine soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
88	R 5	M 2	19	44	8	50	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Hardwood and aspen were removed last entry. Regeneration species include: red maple, aspen, jack pine, white pine and red pine. 35/2=jack and white pine soil=Rubicon Sand 0-6% slopes Habitat type is PVE														
89	R 4	J 2	44	44	7	30	46	red pine	immature	N		20-29 years	0	
comnts Fmd : Regeneration species include: red maple, aspen, jack pine, white pine and red pine. Ground cover species include: blueberry, brackenfern, grass and lichen. 99/2=red maple, aspen and paper birch soil=Rubicon Sand 0-6% slopes Habitat type is PVE														

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

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	H								
90	J 2	J 2	9	17	2	10	48	jack pine	immature	N		30-39 years	0	
comnts Fmd : Jack pine with some red maple, aspen and white pine. Scattered residual tree species are red pine, jack pine and white pine (91/2). Soil=Rubicon Sand 0-6% slopes														
91	R 5	J 2	10	47	9	40	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Cut last entry. Regeneration species include: red maple, jack pine, white pine and red pine. Ground cover species include: blueberry, grass and lichen. 35/1=red and white pine soil=Rubicon Sand 0-6% slopes Habitat type is PVE														
92	R 6	R 2	17	43	7	90	47	red pine	immature	N		10-19 years	0	
comnts Fmd : Ground cover species include: blueberry, brackenfern and lichen. Regeneration is a mix of red pine, white pine and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
93	R 6	W 2	7	43	8	100	48	red pine	immature	N		10-19 years	0	
comnts Fmd : Regeneration is a mix of red pine, white pine and red maple. Scattered clumps of paper birch. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
94	W 5	W 2	5	42	7	40	48	white pine	immature	N		20-29 years	0	
comnts Fmd : Regeneration is a mix of white pine, aspen, jack pine and red maple. 99/2=red maple and aspen Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
95	J 6	J 1	28	37	6	70	48	jack pine	immature	N		20-29 years	0	
comnts Fmd : J3 last entry. Jack pine with some Red Pine in the rows. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
96	R 6	W 1	10	46	8	90	48	red pine	immature	N		10-19 years	0	
comnts Fmd : Regeneration is a mix of white pine and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
97	A 2	A 2	12	12	2	20	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Along the Sunken Lake Road. Scattered red pine, aspen and paper birch. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
98	A 3	A 3	6	9	2	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Aspen with red maple and jack pine. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
99	J 2	J 2	1	7	1	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Cut last entry with adjacent compartment. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
401	G 0	G 0	3			0	50	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Opening maintenance - remove all trees except oak. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE Wld : This area is within the Openland Corridor. Grass types will be maintained to provide for species such as sharp-tailed grouse, merlins, blue birds, etc...														
402	G 0	G 0	22			0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Scattered small trees: white pine, jack pine, aspen and red pine. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
403	G 0	G 0	9			0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Scattered small trees: white pine, jack pine, aspen and red pine. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Age	Acrs	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need	
					B	Tot. BA									
404	G 0	G 0	9			0	50	grass	nonstocked	N		10-19 years	0		
comnts Fmd : Grassy opening along Sunken Lake Road. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE															
405	G 0	G 0	8			0	0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : A few scattered trees around the edges: white pine, jack pine, aspen and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE															
406	G 0	G 0	7				0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : A few scattered trees: white pine, jack pine, aspen and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE															
407	G 0	G 0	5			0	0	50	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Opening maintenance - remove all trees except oak. See wildlife comments. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE															
Wld : This area is within the Openland Corridor. Grass types will be maintained to provide for species such as sharp-tailed grouse, merlins, blue birds, etc...															
408	G 0	G 0	10				0	50	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Opening maintenance - remove all trees except oak. See wildlife comments. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE															
Wld : This area is within the Openland Corridor. Grass types will be maintained to provide for species such as sharp-tailed grouse, merlins, blue birds, etc...															
409	G 0	G 0	7				0	50	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Opening maintenance - remove all trees except oak. See wildlife comments. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE															
Wld : This area is within the Openland Corridor. Grass types will be maintained to provide for species such as sharp-tailed grouse, merlins, blue birds, etc...															
410	G 0	G 0	10			0	0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : A few scattered trees: white pine, jack pine, aspen and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE															
411	G 0	G 0	16			0	0	46	grass	immature	N		10-19 years	0	
comnts Fmd : Opening maintenance not needed this year of entry. Soils: Rubicon Sand															
412	G 0	G 0	5				0	46	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Cut (opening maintenance) under TS#04-00 TCR dtd 10/14/01. None needed this year of entry. Soils:Proper Fine Sand															
413	G 0	G 0	164			0	0	50	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Southeast part of the stand was burned in a wildfire. Opening maintenance; cut all trees except Oak. See wildlife comments. Soil=Rubicon Sand, 0-6% slopes Habitat Type=PVE															
Wld : This area is within the Openland Corridor. Grass types will be maintained to provide for species such as sharp-tailed grouse, merlins, blue birds, etc...															
414	G 0	G 0	1				0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Grassy opening along Sunken Lake Road. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE															

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 126 Entry Year: 2009

\* 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	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
415	G 0	G 0	1			0	50	grass	nonstocked	N		not scheduled	0	
416	G 0	G 0	6		0	0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : A few scattered trees: white pine, jack pine, aspen and red maple. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
417	G 0	G 0	4			0	50	grass	nonstocked	N		10-19 years	0	
comnts Fmd : Grassy opening along Sunken Lake Road. Soil=Rubicon Sand 0-6% slopes Habitat Type=PVE														
Total Acres.....			3646											