

\* 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	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	M 9	Q 1	12		14	110	50	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Buffer and floodplain of the Menominee River.														
2	M 6	M 1	63		9	100	50	northern hardwood	unevenaged	N	thinning	within 0-9 years	2	
comnts Fmd : The majority of the A, B, and conifers were cut out of this stand in the early 80's. But, the hardwood has never been thinned. The diameters of the hardwoods are on the small side, this stand needs to be opened up to allow the better quality hardwood tree's to add size. So, thin this stand down to 80 to 90 BA,; removing the poor quality stems and releasing the crop trees. This should be done by marking some of all hardwood species and in all size classes. Also, cut all A and P. There are not many conifers within the stand, so the majority of them will be retained. After pre-review RX is good, except save hemlock and try to retain most of the oak.														
Wld : No cut hemlock. Save most of the oaks for retention. Concur with FMFMD.														
3	M 6	Q 1	30	120	10	110	55	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Buffer and floodplain of Burke Creek. This is a lower and wetter, high quality red maple site. This stand is on the verge of becoming a sawlog stand. The majority of the stand has good quality red maple with poor quality green and black ash mixed in. This stand is in need of a thinning. Maybe we could do a light thinning away from the creek to manage this stand for large trees. This way we would have a mix of large diameter and good quality stems and poor quality and small diameter lowland hardwood stands within this compartment. I would thin this stand down to a BA of 90. With a winter harvest or during a dry summer logging could be accomplished without rutting.														
4	O 9	W 2	14		13	80	55	oak	unevenaged	N		10-19 years	0	
comnts Fmd : This stand was thinned under contract 027-01-01 in 2001. Primarily an oak stand with wp regen filling in.														
5	A 4	F 2	5	29	4	20	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : CUT IN '79 - 80.														
6	F 1	U 0	9	18	1	0	50	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Within part of the lowland hardwood complex, which contains the majority of the drainages that flow into the Menominee River and its floodplain. This stand was harvested in 1990, not much has come back. It was coded as a G0, but there is no grass within it. It is slowly filling in with F. There are some residual white oaks. There is not much upland brush, more ferns.														
7	A 4	F 1	8	29	4	10	55	aspen (upland)	immature	N		20-29 years	0	
8	M 6	M 1	5		9	110	60	northern hardwood	unevenaged	N	thinning	within 0-9 years	2	
comnts Fmd : This stand was thinned in 1993 and is ready for another light thinning. This is a good quality hardwood stand. Reduce the BA down to 80 to 90, by marking some of all hardwood species and in all size classes to cut. After pre-review try to retain most oak.														
Wld : Only 10 BA of oak found within this stand. Retain most of the oak for retention. Concur with FMFMD.														
9	Q 6	Q 1	9	83	8	110	45	mixed swamp conifer	mature	Y	seed tree	within 0-9 years	2	natural regeneration
comnts Fmd : This is a very poor quality stand. The edges of the stand have thicker and better quality timber, but the middle of the stand is very sparse. Most of the cedar volume will be pulpwood. The tamarack is the best quality specie within the stand. Therefore, the stand should be harvested and managed for a mix of Q, E, and P. Tamarack will probably seed in the best. But, any mix of the above species is acceptable. Seed tree harvest this stand, cutting all species; except leave a mix of the current overstory species.														
Wld : Concur with FMFMD.														

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					D	B	Tot. BA							
10	A3	F 1	37	16	2	10	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : CUT UNDER CONTRACT 002-90-1 IN '92-'93.														
11	C6	Q 1	13	107	10	220	30	cedar	immature	N		20-29 years	0	
12	Z0	Z 0	10			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Woesner Lake, which is a beaver pond.														
13	M9	M 1	70		12	80	70	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Stand was thinned on contract 023-96-01. Very high quality hardwood stand.														
14	E6	Q 1	16	115	7	140	30	swamp hardwoods	low quality	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Inferior quality														
Water quality/bmps														
comnts Fmd : Low wet ash stand. The size of the ash does not make this stand feasible to cut now, it has small diameters and small heights. Possibly in the future when the conifer understory advances a little more we could do a shelterwood harvest.														
15	M6	F 2	32	80	9	120	50	northern hardwood	mature	Y	seed tree	within 0-9 years	2	natural regeneration
comnts Fmd : Stand was on contract 023-96-01 to cut, but was never cut because of warm winters and eagle nest restrictions. The eagle's nest is no longer present. I could not find it when I did the inventory. This stand has very poor quality hardwoods. Most of the stand is on higher ground, but there are some lower pockets included with it. In portions of the stand there is advanced F and W regen, that should be released. This stand should be final harvested, except leave some seed trees scattered throughout the stand. The seed trees should be a mix of the current overstory, but the bulk of the seed trees should be the pine and large diameter oaks. This stand should regenerate to a mix of M, B, Oak, A, and F. Any combination of these species is acceptable. After pre-review RX is good, except make sure there is a portion of the seed trees that are B, C, and oak.														
Wld : Retention should be a creative mix of all species present, including birch. Cedar and oak should be retained nearly in their entirety. Favor retention of some super-canopy white pine within this compartment due to proximity to the Menominee River and the tendency of bald eagles nesting here. Concur with FMFMD.														
16	O9	W 2	15		13	90	46	oak	unevenaged	N		10-19 years	0	
comnts Fmd : This stand was thinned in 2000-01 under contract 027-01-01. This stand was originally part of stand 25. The stand has a thick understory of wp regen.														
17	A5	F 2	10	32	5	40	55	aspen (upland)	immature	N		20-29 years	0	
18	C6	Q 1	10	110	8	190	27	cedar	immature	N		10-19 years	0	
comnts Fmd : The timber within this stand is poor overall. On the north end there is some better quality timber, but overall the timber is poor. The tamarack within the stand is doing the best. I am holding off treating this stand to lower the amount of cedar that is harvested during this YOY.														
Wld : DECIDED AT MINI-REVIEW NOT TO CUT. 9-3-99.														

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					B H	Tot. BA								
19	E 5	L 0	356	90	6	40	28	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Potential or designated old growth                      Water quality/bmps</p> <p>comnts Fmd : SCA- this stand is the buffer, floodplain, and riparian corridor of the Menominee River, Shakey Lake, and Woesner Lake. It also includes the majority of the drainages that flow between all of the water bodies within the compartment. This stand is variable in its stocking. It varies from an E6 to a N0/L0. Green and black ash are the main species within this stand, with tagalder and marsh grass being the prevalent understory.</p>														
20	Z 0	Z 0	12			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : SNAKEY LAKE.</p>														
21	Q 6	Q 1	7	83	7	120	40	mixed swamp conifer	mature	Y	seed tree	within 0-9 years	1	natural regeneration
<p>comnts Fmd : The eastern portion of this stand was originally part of a timber sale that was cut in 1996 (Stand 29), but because of a warm winter only a portion of this stand was harvested. This stand is the remains of that sale and part of stand 14 that meets silvicultural criteria. The remainder of stand 14 is not ready to be harvested, so I included the far eastern portion with this stand to cut now. The stand is variable in its stocking densities, with each of its different species. But, overall the stand is a Q type, with E mixed in. Final harvest this stand, leaving a mix of seed trees. This stand should regenerate to a mix of Q, C, and E.</p> <p>Wld : Concur with FMFMD.</p>														
22	A 5	F 1	26	32	4	40	55	aspen (upland)	immature	N		20-29 years	0	
23	F 4	A 2	7	32	4	30	55	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA- Buffer and riparian corridor along Snakey Lake. A large prtion of this stand had a shelterwood cut done 10 yrs ago. This harvest was successful, the understory is fully stocked with R, W, Fb, and Fs. These species should be released by removing the overstory before the regen becomes stagnated. This could be done by removing the overstory species; except leave some large pine for diversity. In my opinion we should try to encourage different conifer types within this comp., because of the abundance of pure hardwood stands. This stand could be harvested when we cut stands 18 and 26.</p>														
24	Q 3	E 1	4	34	3	0	30	mixed swamp conifer	immature	N		30-39 years	0	
<p>comnts Fmd : These strips were harvested in 1974. The strips have filled in with Fs, Fb, T, B, E, and Mr.</p>														
25	O 9	W 1	32		13	80	46	oak	unevenaged	N		10-19 years	0	
<p>comnts Fmd : FDF Quality. This stand was thinned in 2000-01 under contract 027-01-01.</p>														
26	M 6	F 1	17		9	120	70	northern hardwood	unevenaged	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : This stand was coded to be thinned last decade, but it never was. The stand is need of a thinning. This is a nice quality hardwood stand. The BA should be reduced down to 80 to 90. Thin this stand by marking some of all of the hardwood species and in all size classes. Focus should be on removing the poor qulity trees and releasing the crop trees. Also, cut all A, P, and Fb. The mixed hardwood volume contains a mix of hickory species, for which there is no code.</p> <p>Wld : Concur with FMFMD.</p>														

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					B	Tot. BA	Site Indx							
27	M6	U0	123	10	130	55	northern hardwood	unevenaged	Y	thinning	within 0-9 years	1		
<p>comnts Fmd : This stand contains two distinct hardwood stands. I kept them as one stand, because they are in need of the same treatment and will eventually be similar in size. The east half of the stand could be called an M9, with Mr being the dominant species. This portion is lower and wetter and the average diameter is 13. The west half is a M6 with sugar maple and red oak being the dominant species. This area is higher and drier, and the maple averages 9 inches in diameter. This stand is need of a thinning. This should be done by marking some of all hardwood species and in all size classes. The BA should be lowered to 80 to 90. The poor quality trees should be removed and the crop trees should be released. The east half of this stand will need to be harvested during the winter or during a dry summer. After pre-review Rx good, except save hemlock and favor retention of oak.</p> <p>Wld : No cut hemlock. Favor oak retention within this stand. Favor retention of some super-canopy white pine within this compartment due to proximity to the Menominee River and the tendency of bald eagles nesting here. Concur with FMFMD.</p>														
28	Q2	F1	8	13	1	10	50	mixed swamp conifer	sparse	N	50-59 years	0		
<p>comnts Fmd : This stand did not regenerate fully after it was harvested in 1995. It is slowly filling in with T, Fb, Fs, and W. There were some residual oak trees that were left after harvest.</p>														
29	F3	W1	8	12	1	0	50	spruce-fir (uplands-including upland black spruce)	immature	N	50-59 years	0		
<p>comnts Fmd : This stand was cut in 1996 on contract 023-96-01. Stand is regenerating to a mix of T, F, and W. There are some residual oak, pine, and beech.</p>														
30	C6	L0	3	120	9	200	26	cedar	immature	N	10-19 years	0		
31	M6	F1	26	81	9	130	50	northern hardwood	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Fair quality hardwood stand that has never been thinned. It is in need of a thinning. The stand should be marked to reduce the BA down to 70 to 80. Mark some of all hardwood species and in all size classes to cut. Also, cut all A and P. Retain a component of all the minor hardwood species. Manage this stand for sawlogs. There are a number of the minor species that don't show up in the volume tables.</p> <p>Wld : Concur with FMFMD.</p>														
32	A4	W2	5	26	4	20	46	aspen (upland)	immature	N	20-29 years	0		
<p>comnts Fmd : CUT UNDER SALE 25-80.</p>														
33	R9	F2	13	85	13	130	50	red pine	two aged	Y	seed tree	within 0-9 years	2	natural regeneration
<p>comnts Fmd : The pine was thinned and all other species were cut out of this stand, except oak in 1981. The pine is mature and balsam is filling in the understory. We should final harvest this stand now, leaving some R, W, and oak seed trees. The understory of balsam will have to be eliminated to allow red pine to seed in. Possibly add a spec to the contract that all balsam 2 inches and larger must be cut. The oak is very poor quality, cut all of it leaving only a few scattered large diameter ones. There is not much pine in this landscape, so I feel it is important to retain as much as possible. After pre-review Rx is good, except wildlife would like to retain a higher percentage of oak seed trees than pine. After harvest scarify site with anchor chains. This is a site we could do a dozer refresher on.</p> <p>Wld : As discussed in pre-review, it is ok to discriminate against the fir regeneration within this stand. WLD would like 1/2 the oaks to be retained, with focus on retaining the large diameter mast producing trees. Concur with FMFMD.</p>														
34	O9	W1	10	13	70	46	46	oak	unevenaged	N	10-19 years	0		
<p>comnts Fmd : This stand was thinned in 2000-01 under contract 027-01-01.</p>														
35	F5	F2	15	26	4	50	55	spruce-fir (uplands-including upland black spruce)	two aged	N	20-29 years	0		
<p>comnts Fmd : Stand was final harvested in 1982. All species were cut; except for the oak.</p>														

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					B	Tot. BA								
37	O 9	W 1	51		13	100	53	oak	unevenaged	N		10-19 years	0	
<p>comnts Fmd : This stand was thinned in 2001 under contract 024-00-02.</p> <p>Wld : CUT IN LATE SUMMER OR FALL FOR SCARIFICATION. NO WINTER CUT. POSSIBLE HERBICIDING AREA. DO NOT ELIMINATE ANY SPECIES. LEAVE BIG TREES AROUND POND. REVIEW NOTES: REMOVE SUPPRESSED MAPLE TO MANAGE FOR OAK/PINE. SOME POOR QUALITY, SUPPRESSED OAK MY BE MARKED FROM UNDERNEATH. NO SPECIES WILL BE ELIMINATED DURING THE MARKING OF THIS STAND. LARGE DIAMETER TREES, PARTICULARLY THOSE WITH CAVITIES, WILL BE MAINTAINED NEAR THE POND. NON-WINTER CUTTING WILL BE MANDATORY TO SCARIFY A SEEDBED. THE LOGGER WILL BE CREDITED FOR FIXING THE ROAD BETWEEN STANDS 38 AND 32.</p>														
38	A 3	W 1	56	21	3	0	50	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : CUT UNDER CONTRACT #19-85-1.</p>														
39	M 6	W 2	28	80	7	80	55	white pine	two aged	N	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand was thinned in '95-'96 under contract #43-95-1. The purpose of the cut was to enhance W. This was very successful, the majority of the stand has W2/W3 throughout it. The regen averages about 15' tall. This regen needs to be released. Final harvest this stand, cut all A, P, Fs, Fb, Ash, W.B., AND R greater than 10". The stand will be a W stand after harvest, with residual W, R, and Oak. After pre-review Rx is good, except do not cut W or H.</p> <p>Wld : Hemlock, cedar, and white pine is not prescribed to be cut within this stand. There is a partial eagle nest found in a clump of 3 white pines within this stand. If this eagle nest becomes active, an appropriate buffer zone will be applied. Concur with FMFMD.</p>														
40	X 0	X 0	1			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : STURGEON LANDING ACCESS SITE</p>														
41	X 0	X 0	1			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : GRAVEL PIT</p>														
42	M 9	W 1	112		13	120	55	northern hardwood	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : SCA - Buffer and riparian corridor along the Menominee River. This corridor is 5 chains wide from stand 27 to the west edge of the compartment. The portion of the stand that is east from stand 27 varies slightly, but anything east of the Snakey Lake road is included in this stand.</p>														
44	E 6	Q 1	19	85	9	130	50	swamp hardwoods	mature	Y	shelterwood-prep	within 0-9 years	1	
<p>comnts Fmd : This stand contains decent quality ash and red maple with some poor quality C mixed in. This stand is in need of a shelterwood harvest to begin to regenerate it. This first cut will be done to open the stand up to allow some regen to get established. 40 to 50 BA should be left, leaving a mix of the current overstory species. The long range MO for this stand is Q. But it will probably always be a mixed stand, with E, Mr, P, Q, and C.</p> <p>Wld : Concur with FMFMD.</p>														
47	M 6	F 1	17		9	90	55	northern hardwood	unevenaged	N		not scheduled	0	
<p>comnts Fmd : This stand was originally part of stand 13, but it was never part of the sale last decade. This is a steep narrow ridge that would be difficult to harvest and the erosion potential is high. An access road is on top of this ridge that provides access into this part of the compartment. Maybe when adjacent stands are cut some of the wood at the base of the ridge could be cut as well.</p>														

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					D H	Tot. BA								
53	M6	W2	15	9	90	70		white pine	unevenaged	N	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : Stand was cut in 1998 under contract 023-96-01. This harvest opened the stand up enough to allow the W to regenerate. The regen ranges from W2 to W3 throughout the majority of the stand. The regen averages 15' tall. This regen needs to be released before it becomes stunted. Final harvest this stand, leaving a mix of the overstory species for diversity and for partial shade. The majority of the residual species should be pine and oak. On the west end where there is not as much advanced W regen leave a few more residual trees to provide a little more shade. After pre-review Rx is good, wildlife would like us to leave a higher percentage of oak seed trees than pine.

Wld : WLD would like to see additional oak retained as part of the 30 BA kept for shade. Concur with FMFMD.

402	G0	G0	2		0	55		grass	nonstocked	N		not scheduled	0	
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comnts Fmd : This stand contains more ferns than grass, but there is very little brush so I kept it as a GO.

Total Acres..... 1342