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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	O 8	O 1	5	96	12	50	50	oak	mature	Y	final harvest	within 0-9 years	1	other - specify in remarks

comnts Fmd : This stand is a strip of oak left from a Jack pine stand that was cut about 10 years ago. This oak is over mature and should be cut. This stand also contains a couple of pockets of oak wilt that need to be treated. The stand should be cut to prevent the spread of oak wilt disease to adjacent oak. This stand does not need a plow line around it; except on the North end where it meets private property. We should treat this stand before April 1, 2007. This stand should than be trenched and planted with jack pine, when stand 12 is planted. This stand is growing on Grayling sand which does not support many species of trees. Kotar and the soil survey recommend growing jack pine on this site. The site index species used was pin oak. After pre-review it was decided to not plant this stand following the treatment of oak wilt, but to burn it with stand 5.

Wld : Manage for opening/savanna. Combine with Stand 5 into a large prescribed burn. This will be a high priority prescribed burn for WLD in YOE 08. The larger oaks found in these stands will better mimick the oak savanna landscape. Many of the plant species found here are fire-dependant. Concur with FMFMD.

2	U 0	U 0	3			0	48	upland brush	old growth (potential or actual)	N		within 0-9 years	0	other - specify in remarks

comnts Fmd : This stand was originally part of stand 7, but this area was cut to prevent the spread of oak wilt from the Epicenter that formed here. This stand was cut in 2004. There are a couple of small patches of aspen, but overall mostly upland brush. This stand should be trenched and planted with jack pine when stand 8 is treated. This stand is also on Grayling sand. After the pre-review it was decided to not plant this stand, but to burn it with stands 6 and 8 after stand 6 is cut. This stand is part of an ERA Oak-Pine Barrens. This stand will be managed as part of the larger savanna complex in this area.

Wld : Concur with FMFMD.

3	A 6	U 0	2	50	8	70	75	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : Harvest this stand, cutting all species. This stand should regenerate to aspen. Was approved at the pre-review.

Wld : Concur with FMFMD.

4	Q 6	Q 1	3	88	7	100	45	mixed swamp conifer	mature	Y	final harvest	within 0-9 years	2	natural regeneration

comnts Fmd : This stand should be harvested. Cut all species; except leave some tamarack seed trees along the edge of the stand. Tamarack is the desired regen, but a mix of T, S, and F is acceptable. After the pre-review the treatment remained the same; except all cedar is to be left.

Wld : No cut white cedar. Concur with FMFMD.

5	U 0	U 0	65		0	0	50	upland brush	nonstocked	N		within 0-9 years	0	opening maintenance

comnts Fmd : At the pre-review it was decided to burn this stand, along with stand 1. This area is to be maintained as an opening complex. If funding is available, wildlife division will roller chop this stand prior to it being burned. This is to help in trying to eliminate the hazel brush.

Wld : This stand has bracken fern with blueberries underneath. Potentially hydroax or roller chop any hazel in opening. Stand 12 will be combined with this stand and be treated the same. Prescribe burn with Stand 1. This burn will be one of the top prescribed burns for WLD in YOE 08.

6	O 6	M 1	54	86	10	110	55	oak	old growth (potential or actual)	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : This stand should be harvested, both the oak and aspen is mature. Cut all species; except red and white pine. This stand should regenerate to a mix of oak and aspen. The oak should stump sprout and mix in with the aspen regen to have a fully stocked stand. If this stand doesn't regenerate successfully to aspen and oak, trench and plant jack pine. This stand is also growing on Grayling sand. The site index species used was pin oak. After the pre-review it was decided to final harvest this stand, leaving scattered clumps of oak. The clumps will vary from 1 to 12 trees, while trying to average around 4 tree's per acre. Leave some bigger clumps near the houses on the edges and along the road. This stand is to be burned with stands 2 and 8 after it is cut. Do not plant. If the stand does not regenerate to oak, we will manage it as part of the Oak-Pine barrens complex in this area. This stand is part of the ERA from comp 109, that is to be managed for Oak- Pine Barrens.

Wld : Forester will retain clumps of various sizes (4-12 trees per acre to better mimick natural clumps found in oak savanna). Prescribe burn this stand after harvest. Concur with FMFMD.

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
8	O 1	A 1	21	2	1	0	50	oak	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance

comnts Fmd : This stand was originally part of stand 7, but over the past 15 to 20 years this area has been cut to prevent the spread of oak wilt disease. This stand is primarily an upland brush stand, but there are pockets of A, Mr, and oakstump sprouts mixed in. We need to kill the oak stump sprouts along the edge of the stand to prevent them from spreading the oak wilt disease outside of the containment zone. We should herbicide a 2 to 3 chain swath along the perimeter of the stand. After the stand is herbicided we should trench and plant jack pine. This stand might need to be burned to eliminate competion from the brush. Will have to check with Don to see if it is necessary. This stand is also on Grayling sand. The site index species used was pin oak. After the pre-review it was decided to not herbicide or plant this stand. We will burn this stand, along with stands 2 and 6 after stand 6 is harvested. This stand is part of an ERA. The ERA is a oak-pine barrens complex. If the stand does not regenerate with oak an opening complex is acceptable.

Wld : Already a regenerating mixed stand. Prescribe burn. Concur with FMFMD.

9	A 6	U 0	9	53	9	90	55	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : The aspen and oak is over mature in this stand, we should harvest it now while both species have the ability to sprout. Cut all species, except for red and white pine. This stand should be managed for a mix of aspen and oak. But a mix of A, Oak, W, J, and R is acceptable. If regeneration fails jack pine should be planted. This site is also on Grayling sand. After the pre-review it was decided to treat the stand as previously described; except leave scattered wolfy oak tree's for mast throughout the stand. If the stand does not regenerate it is acceptable to have open areas as part of a larger savanna complex. Do not plant this stand if the stand does not regenerate.

Wld : Leave a scattering of wolfy oak trees for mast production. Concur with FMFMD.

11	V 0	V 0	3			0		bog or muskeg	nonstocked	N		not scheduled	0	
13	D 0	D 0	1			0		treed bog	nonstocked	N		not scheduled	0	
14	Q 5	Q 1	8	63	7	50	30	mixed swamp conifer	immature	N		20-29 years	0	
15	A 6	F 1	13	61	9	80	50	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : This stand is a mix of 4 or 5 different cover types, which are to small to delineate out. They all should be treated the same way. Cut all species; except in areas where there is insufficient aspen leave a variety of seed trees. The primary species for regeneration is aspen, but a mix of A, W, Oak, S, F, Mr, and J is acceptable. There are some species that didn't show up in the volume table that will be cut as well. After the pre-review it was decided to treat this stand as described above; except leave seed tree's of all species present currently in this stand.

Wld : Because of the number of cover types found here, leave a variety of seed trees where appropriate (for example, no leave trees in the heavier upland aspen, leave seed trees in the lowland fir, etc.). Please leave some of all species, included those that were not listed. Concur with FMFMD.

16	Q 6	Q 1	10	60	7	90	45	mixed swamp conifer	immature	N		20-29 years	0	
21	Q 3	A 2	6	11	1	0	43	mixed swamp conifer	immature	N		50-59 years	0	
23	N 0	N 0	2			0		marsh	nonstocked	N		not scheduled	0	

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
25	A 3	W 1	23	12	2	0	60	aspen (upland)	immature	N		40-49 years	0	
26	A 6	A 1	11	53	10	120	80	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : Aspen is mature. Cut all species; except leave the good quality pine. The desired regen is aspen, but a mix of A, W, Mr, and F is acceptable. After the pre-review it was decided to treat this stand as it was described above; except leave all oak, cherry, and pine. Also, try to protect brush.

Wld : Leave oak, white pine, blue beech, and black cherry. These trees make up a very small portion of the stand. Concur with FMFMD.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
27	E 5	L 0	9	87	7	60	36	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	

Treatment Limiting Factors:

Water quality/bmps

comnts Fmd : Shakey River Flows through this stand. This stand is a buffer to the river. Steep banks on the transition from the upland to this stand. I removed this stand as POG, because I don't know what value needs to be enhanced to call it a SCA. This stand will not be treated in the future.

Wld : SCA - POG - Shakey River riparian corridor.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
29	M 6	F 1	62	86	10	130	60	northern hardwood	immature	Y	thinning	within 0-9 years	1	release

comnts Fmd : Shakey Creek flows through part of this stand. Buffer the banks of the creek. This stand needs to be thinned to release the better quality stems for sawlog production. Thin this stand by removing some of all species and in all size classes. Also, cut all A, P, and Fb. This treatment was approved at the pre-review.

Wld : Leave some pine, all hemlock, and all cedar. Thin clumps of pine, but don't mark the lone white pine. Concur with FMFMD.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
31	E 6	F 1	21	65	9	90	40	swamp hardwoods	immature	N		not scheduled	0	

comnts Fmd : Shakey creek flows through this stand, this stand acts as a buffer.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
32	F 4	P 1	8	16	4	10	55	spruce-fir (uplands-including upland black spruce)	sparse	N		within 0-9 years	0	natural regeneration

comnts Fmd : This stand was cut in 1990 and has not successfully regenerated. There are some scattered residual trees that were left. Most of the stand is open and dry, with small clumps of P and F regeneration. This stand should be machine scarified and allow the residual seed trees to seed in the site. This stand should regenerate to a mix of F, W, M, A, Ash, and B. Any mix of these species is acceptable. Scarify this stand when stand 33 is done. Approved at the pre-review.

Wld : Concur with FMFMD.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
33	M 6	F 1	16	86	10	80	60	northern hardwood	immature	N	selection	within 0-9 years	2	natural regeneration

comnts Fmd : Stand contains decent quality hardwood stems, with an understory of sedge and very little regeneration. This stand is pretty open and has wide spacing of the residual stems in most places. This stand should be opened up leaving 30 to 40 BA of the various species and than have the site machine scarified to expose bare mineral soil to allow the residual trees to seed in. The desired regen is Ms, Mr, and oak. But, a mix of those species along with F and W is acceptable. Remove some of all species and in all size classes. Scarify stand 32 when this stand is done. Approved at the pre-review.

Wld : Concur with FMFMD.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
34	T 6	Q 1	5	85	9	120	55	tamarack	mature	Y	seed tree	within 0-9 years	1	natural regeneration

comnts Fmd : This is the nicest stand of tamarack I have seen. This stand is mature and needs to be cut. Cut all species leaving only scattered T seed trees. The desired regen is T, but a mix of T, S, and F is acceptable. There are a couple of other species that don't show up in the volume tables that will also be cut. After the pre-review the treatment listed above was approved; except all white pine, ash, and cedar are to be left.

Wld : Leave cedar, white pine, and ash. Any trees that blow over will provide valuable coarse woody debris and windthrows for wildlife. Concur with FMFMD.

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
36	A 3	F 1	7	9	2	0	75	aspen (upland)	immature	N		40-49 years	0	
37	L 0	L 0	5			0	20	lowland brush	nonstocked	N		not scheduled	0	
38	T 3	Q 1	15	9	1	0	48	tamarack	immature	N		50-59 years	0	

comnts Fmd : Stand has fully regenerated to tamarack.

39	A 3	Q 1	30	9	2	0	70	aspen (upland)	immature	N		40-49 years	0	
40	S 4	L 0	18	79	4	20	26	black spruce-swamp	immature	Y		20-29 years	0	

Treatment Limiting Factors:

Inadequate volume due to low stocking/small diameter/etc.

comnts Fmd : This stand is fully stocked, but is very slow growing. If you were to attempt to harvest the merchantable stems you would destroy a large amount of near merchantable stems. This stand contains an orv trail that has been cut open and layered with cedar slabs, throughout the middle of the stand. It is easily identified on an aerial photo. The trail originates from the camp to the south. It leads to an illegal deer blind on the north side of this stand.

41	C 6	F 1	4	110	9	220	30	cedar	immature	N		not scheduled	0	
400	G 0	G 0	2			0	50	grass	nonstocked	N		not scheduled	0	

comnts Fmd : FORMER SAND PIT PRAIRIE BUFFER 40

Total Acres..... 441