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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	W9	F3	12	82	12	120	57	white pine	immature	N		20-29 years	0	
2	L0	L0	3		0	0		lowland brush	nonstocked	N		not scheduled	0	
3	R6	F1	15	59	9	130	60	red pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Cut all species except Red Pine.														
4	R6	A1	16	59	9	120	60	red pine	immature	N		20-29 years	0	
5	C6	Q2	120	92	8	110	28	cedar	immature	N		60-69 years	0	
6	A3	G0	7	12	1	0	55	aspen (upland)	immature	N		40-49 years	0	
7	A6	F1	73	40	8	90	60	aspen (upland)	immature	N		10-19 years	0	
8	X0	X0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
9	A6	M2	16	32	7	90	60	aspen (upland)	immature	N		20-29 years	0	
10	P3	G0	24	12	2	0	55	balsam poplar & swamp aspen and swamp white birch	immature	N		40-49 years	0	
11	A6	A1	13	31	6	80	60	aspen (upland)	immature	N		20-29 years	0	
12	A3	G0	86	6	1	0	65	aspen (upland)	immature	N		50-59 years	0	
13	Q3	G0	83	46	4	0	40	mixed swamp conifer	immature	N		40-49 years	0	
14	M6	M1	19	80	9	100	60	northern hardwood	immature	N		10-19 years	0	

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					B	Tot. BA								
15	A 6	M 2	80	54	8	90	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : A variety of ages and sizes.Retention along grass. Leave pine if found.														
Wld : Cut half this stand from the 2 track road running N-S to the east, lobe north of Stand 14 M6 to be left with western portion of the stand.														
16	M 6	M 1	56	80	8	100	55	northern hardwood	immature	N		10-19 years	0	
17	F 6	F 1	36	50	7	170	57	spruce-fir (uplands-including upland black spruce)	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Cut all species in two rows. Cut all species except spruce,balsam and cedar in three rows being left. A few spruce will be cut in the leave rows to allow access to species being cut.														
18	M 6	M 2	111	80	8	110	60	northern hardwood	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Basal area runs thick and thin. Prereview- Leave Oak if found.														
Wld : Leave R.and W Pinehemlock and cedar where present. "Mesic Conifer" -underplant with white pine or hemlock. Leave small spruce and balsam to encourage mesic conifer														
19	M 6	M 2	26	80	8	120	60	northern hardwood	immature	Y	thinning	within 0-9 years	2	
comnts Fmd : Minor species will be favored for retention. Prereview- Leave Oak if found.														
Wld : "mesic conifer" underplanting with white pine and or hemlock. Retain white and red pine, hemlock and cedar if present to promote natural mesic conifer characteristic and seed source and regeneration.														
20	F 6	F 1	65	50	8	160	57	spruce-fir (uplands-including upland black spruce)	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Cut all species in two rows. Cut all species except spruce,balsam and cedar in 3 rows being left. A few spruce will be cut in the leave rows to allow access to species being cut.														
21	F 3	G 0	20	33	4	0	57	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
22	A 6	F 1	16	66	9	110	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : This stand is the transition zone. Leave cedar and non-merchantable conifers for retention.														
23	F 6	F 2	10	50	8	110	57	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
24	C 5	S 2	461	85	6	60	28	cedar	immature	N		70-79 years	0	
25	F 6	F 2	32	80	9	70	55	spruce-fir (uplands-including upland black spruce)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Some areas are blown down. Leave White Pine and Cedar.														
Wld : At prereview, discussed necessity to build 1/4 mile of road to access, therefore fragmenting conifer swamp. Decided to thin spruce plantations in Stands 17 and a portion of 20 instead. Consider this stand for potential old age characteristic retention at 2020 YO E review.														

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					B	Tot. BA								
26	Q3	G0	22	33	4	0	45	mixed swamp conifer	immature	N		50-59 years	0	
27	A6	M1	69	43	8	90	56	aspen (upland)	immature	N		10-19 years	0	
28	L0	L0	14		0	0		lowland brush	nonstocked	N		not scheduled	0	
29	M6	M1	121	80	9	120	56	northern hardwood	immature	Y	thinning	within 0-9 years	2	
<p>comnts Fmd : Minor species will be favored for retention. Prereview - Leave Oak if found.                      Wld : Buffer McGregor Creek favoring conifer cover where present. "Mesic conifer "underplanting of white pine or hemlock</p>														
30	A6	M2	23	80	10	120	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : In stand retention along the south-southwest corner and along Q type. Red line drainage out all the way to the north. Cut all stems 2inches and larger.</p>														
31	Q6	Q1	19	72	7	90	38	mixed swamp conifer	immature	N		10-19 years	0	
32	A3	G0	19	15	2	0	65	aspen (upland)	immature	N		40-49 years	0	
33	F6	F1	9	50	7	120	57	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
34	A6	F2	21	48	9	90	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Cut all stems 2 inches and larger except plantation spruce. Leave the plantation spruce. Retention to the south along the stream.                      Wld : Expect a 300 foot buffer request from Fish Div.</p>														
35	L0	L0	50		0	0		lowland brush	nonstocked	N		not scheduled	0	
36	Q6	Q1	121	76	8	90	40	mixed swamp conifer	immature	N		10-19 years	0	
37	F6	F1	12	50	7	140	57	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
38	A5	F2	56	26	5	60	60	aspen (upland)	immature	N		30-39 years	0	

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					B H	Tot. BA								
39	A 6	F 1	138	42	8	70	60	aspen (upland)	immature	N		10-19 years	0	
40	A 3	G 0	8	8	1	0	58	aspen (upland)	immature	N		40-49 years	0	
41	A 6	M 1	23	29	7	70	60	aspen (upland)	immature	N		30-39 years	0	
42	M 9	M 1	130	80	11	80	60	northern hardwood	immature	N		10-19 years	0	
43	A 3	G 0	13	8	1	0	60	aspen (upland)	immature	N		40-49 years	0	
44	A 3	G 0	11	8	1	0	58	aspen (upland)	immature	N		40-49 years	0	
45	R 9	M 1	20	69	12	170	62	red pine	immature	N		10-19 years	0	
46	A 6	M 2	8	46	8	80	60	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Retention will be on the east end.														
47	R 9	M 3	19	69	14	120	62	red pine	immature	N		10-19 years	0	
48	M 6	M 1	53	80	9	120	58	northern hardwood	immature	Y	thinning	within 0-9 years	2	
comnts Fmd : Minor species will be favored for retention. Prereview- Leave Oak if found.														
Wld : White and red pine, hemlock and cedar within stand will be retained for diversity, and seed source.														
49	A 6	M 2	40	46	9	90	60	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : Retention will be along the south and east sides.														
Wld : Transition to the C stand 59 will be protected as retention.														
50	J 6	J 1	25	25	5	100	57	jack pine	immature	N		40-49 years	0	
51	A 6	M 1	18	36	7	90	60	aspen (upland)	immature	N		20-29 years	0	

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52	A3	G0	140	17	3	0	60	aspen (upland)	immature	N		40-49 years	0			
53	A6	F1	7	29	5	70	60	aspen (upland)	immature	N		30-39 years	0			
54	C6	Q2	71	87	9	140	36	cedar	immature	N		70-79 years	0			
55	A6	M1	11	55	10	100	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2			
comnts Fmd : Retention will be along the north side.																
Wld : Protection of transiton to Stand 54 C6 is retention.																
56	M6	M1	11	80	9	110	60	northern hardwood	immature	N	thinning	within 0-9 years	2			
comnts Fmd : Minor species will be favored for retention. Prereview- Leave Oak if found.																
57	A6	M1	44	33	7	90	60	aspen (upland)	immature	N		20-29 years	0			
58	A5	A3	164	27	5	50	60	aspen (upland)	immature	N		30-39 years	0			
59	C6	Q1	241	112	8	110	35	cedar	immature	N		50-59 years	0			
60	L0	L0	47			0		lowland brush	nonstocked	N		not scheduled	0			
61	C5	P2	13	112	8	50	34	cedar	immature	N		50-59 years	0			
62	A6	F1	22	48	9	100	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2			
comnts Fmd : Retention midway along the north line.																
Wld : Hold all cedar and buffer wet areas -Protect transiton of C type																
63	P3	G0	19	14	2	0	50	balsam poplar & swamp aspen and swamp white birch	immature	N		50-59 years	0			
64	L0	L0	6			0		lowland brush	nonstocked	N		not scheduled	0			

CRYSTAL FALLS FOREST MGT UNIT

Stand Level Information

Compartment: 34

Entry Year: 2010

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65	A 6	M 2	66	54	8	90	60	aspen (upland)	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Prereview- No cut. Hold for age class diversity.														
66	F 6	F 1	49	50	7	160	57	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
67	F 6	F 1	26	50	7	140	57	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
400	G 0	G 0	6			0		grass	nonstocked	N		not scheduled	0	
401	G 0	G 0	11			0		grass	nonstocked	N		not scheduled	0	
402	G 0	G 0	70			0		grass	nonstocked	N		not scheduled	0	
Wld : Opening does not need treatment this YOE.														
403	G 0	G 0	116			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
Wld : opening maintenance														
404	G 0	G 0	29			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
Wld : opening maintenance														
405	G 0	G 0	11			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
406	G 0	G 0	6			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<b>Total Acres..... 3650</b>														