

Stand	Cover Type-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	A 6	A 1	4	31	5	70	60	aspen (upland)	immature	N		30-39 years	0	
* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.														
2	E 4	L 3	20	72	4	10	47	swamp hardwoods	sparse	N		not scheduled	0	
comnts Fmd : E4/L very wet site, part of a larger "L" type on pvt land. Tag alder throughout entire stand.														
3	A 3	A 3	8	17	3	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clear cut 1989. Areas of tag alder.														
4	L 0	L 0	2		0	0	45	lowland brush	nonstocked	N		not scheduled	0	
5	A 6	M 2	25	35	7	130	60	aspen (upland)	immature	N	final harvest	within 0-9 years	1	
comnts Fmd : Excellent aspen, scattered hemlock, sugar maple, white pine, looks like northern hardwood site growing super aspen. Selective clear cut in 1971. Scattered vernal ponds and non stocked low areas. Hold ten years. At Wildlife Divisions request will final harvest now and manage for a mix of nateral regeneration of aspen, maple and oak. Paint out all vernal ponds and non stocked wet areas. Leave all cedar, hemlock and scattered large wolf trees. Access is a issue here. Private lines are also a concern here as only one survesy corner was located while doing inventory.														
6	R 6	X 0	6	48	8	200	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Nice red pine, every third row cut in 2000. Reduce 1/3 of BA by marking. Access is a issue here. Adjacent land owner has allowed access to harvest timber in the past.														
7	R 6	X 0	1	48	8	200	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Nice red pine, every third row cut in 2000. Reduce 1/3 of BA by marking. Access is a issue here. Adjacent land owner has allowed access to harvest timber in the past.														
8	E 6	E 2	10	67	8	70	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Major drainage runs north / south through entire stand.														
9	R 6	X 0	7	48	8	200	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Nice red pine, every third row cut in 2000. Reduce 1/3 of BA by marking. Access is a issue here. Adjacent land owner has allowed access to harvest timber in the past.														
10	A 3	A 3	1	17	3	0	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Final harvest 1989.														
11	L 0	L 0	9		0	0		lowland brush	nonstocked	N		not scheduled	0	
12	V 0	V 0	10		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : blueberry leather leaf bog														
13	A 5	A 3	38	17	4	40	71	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : A5/A3 in transition between well stocked A3 and A6. Final harvest in 1989, good growth.														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 8

Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H								
14	N 0	N 0	21	0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Dense tag alder.													
15	L 0	L 0	13	0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Final harvest 1989. Much wetter than stand 16 and slower growth.													
16	A 3	A 3	17	17	3	0	60	aspen (upland)	immature	N	30-39 years	0	
comnts Fmd : Final harvest 1989. Much wetter than stand 16 and slower growth.													
17	O 9	E 3	6	80	10	100	60	oak	immature	Y	10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Delayed to take advantage of exceptional site quality or growth                      Delayed treatment for age/size class diversity</p>													
comnts Fmd : Treat in 10 years.													
18	A 6	E 3	17	45	8	100	52	aspen (upland)	immature	N	final harvest	within 0-9 years	1
comnts Fmd : Final harvest 2" spec. manage for aspen, leave scattered white pine. Scattered low pockects, harvest on dry and/or frozen ground to prevent rutting. Harvest should result in a mix of aspen, red maple and oak regeneration.													
19	M 3	A 1	13	7	2	0	60	northern hardwood	immature	N	50-59 years	0	
comnts Fmd : Clearcut in 1999 oak seed trees left for mast. Mix of natural regeneration red maple, aspen and oak.													
20	A 5	A 3	44	17	4	40	55	aspen (upland)	immature	N	30-39 years	0	
comnts Fmd : A5/A3 in transition between well stocked A3 and A6. Final harvest in 1989, good growth. Heavy beaver activity at NW corner of stand along Clam River.													
21	A 6	A 3	46	31	6	70	60	aspen (upland)	immature	N	10-19 years	0	
comnts Fmd : Excellent aspen, scattered low areas and drains. Two aged stand, selective clear cut in 1975. Scattered vernal ponds and non stocked low areas. Hold ten years. Heavy beaver activity. Beaver should be removed before next harvest.													
22	L 0	L 0	4	0	0	45		lowland brush	nonstocked	N	not scheduled	0	
comnts Fmd : Final harvest 1999. Decent aspen regen. Posckets of cedar and balsam left uncut. West end of stand gets wet.													
23	A 3	E 1	10	7	3	0	50	aspen (upland)	immature	N	40-49 years	0	
comnts Fmd : Final harvest 1999. Decent aspen regen.													
24	L 0	L 0	2	0	0	45		lowland brush	nonstocked	N	not scheduled	0	
comnts Fmd : Final harvest 1999. Decent aspen regen.													
25	Z 0	Z 0	6	0	0			water	nonstocked	N	not scheduled	0	
comnts Fmd : Beaver flooding, very active beaver.													

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
27	Z 0	Z 0	11		0	0	water	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver flooding, very active beaver.													
28	L 0	L 0	4		0	0	45	lowland brush	nonstocked	N		not scheduled	0
comnts Fmd : Filling in with spruce.													
29	O 8	M 3	28	81	12	50	58	oak	two aged	Y		10-19 years	0
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)													
comnts Fmd : Thinned 1999. Oak that was left is high quality. Understory is Mr3/Mr-A-Cherry as a result of the harvest.													
30	M 9	M 2	43	61	9	120	58	aspen (upland)	immature	Y	final harvest	within 0-9 years	1
comnts Fmd : Final harvest, manage for a mix of aspen, maple and oak regeneration. Stand is upland with many low areas some of the wettest areas need to be painted out of the harvest. Last YOE this stand was typed as O9. I have typed out areas from last YOE and made new stands.													
31	A 4	A 3	6	17	4	40	50	aspen (upland)	immature	N		30-39 years	0
comnts Fmd : Final harvest 1989. In transition between A3 and A6.													
32	M 3	M 3	14	6	3	0	55	northern hardwood	immature	N		50-59 years	0
comnts Fmd : Overstory has died off and stand has converted to Mr3. Heavy firewood cutting going on here.													
33	O 9	M 2	24	81	14	100	60	oak	immature	Y		10-19 years	0
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Delayed to take advantage of exceptional site quality or growth													
comnts Fmd : Separated from stand 30 and 34. Harvesting both 30 and 34. Hold ten years and re-evaluate.													
34	A 9	M 1	11	70	12	80	55	aspen (upland)	mature	Y	final harvest	within 0-9 years	1
comnts Fmd : Final harvest manage for aspen. Stand is upland, a mix of natural regeneration is acceptable.													
35	A 3	A 3	12	7	2	0	60	aspen (upland)	immature	N		40-49 years	0
comnts Fmd : Final harvest 1999. Decent aspen regen. A3 with Mr and oak mixed in.													
36	O 3	O 3	6	7	2	0	58	oak	immature	N		50-59 years	0
comnts Fmd : Final harvest 1999. Decent regen. O3 with Mr and aspen mixed in.													
37	J 3	O 1	36	8	2	0	40	jack pine	immature	N		50-59 years	0
comnts Fmd : Final harvest 1997 replanted to jack pine. Scattered oak regen as well.													
38	O 3	J 3	47	9	2	0	50	oak	immature	N		50-59 years	0
comnts Fmd : Final harvest 1997. Never got replanted, wildlife did not want stand planted. Mix of pin cherry, oak and jack pine.													
39	O 2	O 2	11	10	3	0	50	oak	immature	N		50-59 years	0
comnts Fmd : Final harvest 1996. Mix of oak, aspen, maple, jack pine and pin cherry.													

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Stand	Cover Type-Size Dnstry	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								
40	A 4	A 3	11	18	4	30	60	aspen (upland)	immature	N		not scheduled	0	
comnts Fmd : In the Clam River flood plain. Includes steep banks leading down to the river. Many scattered low areas. Habitat cut 1998.														
41	E 6	E 3	9	72	7	80	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : In the Clam River floodplain. Very wet.														
42	J 5	J 3	11	33	5	50	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : In transition between J3 and J6.														
43	O 6	O 3	11	70	6	70	50	oak	immature	N		10-19 years	0	
comnts Fmd : Pockets of interplanted red pine. With KW cuts to the north and northwest hold 10 yrs.														
44	W 6	W 3	20	33	5	70	50	white pine	immature	N		20-29 years	0	
comnts Fmd : All but white and red pine harvested in 1998. Size and density varies.														
45	J 3	O 2	14	8		0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Final harvest in 1998. J3/J3-O1-pin cherry.														
46	O 6	W 2	12	70	7	80	50	oak	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : All upland. Harvest now to establish a mix of natural regeneration of oak, jack pine, white pine. 2" spec all jack pine and oak. 6" spec on all white pine. Stay on top of bank above marsh. Scattered dense posockets of W3.														
47	Z 0	Z 0	7		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver flooding, very active beaver.														
48	E 3	E 3	2	17	3	0	50	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Habitat cut 1989. Down over the bank.														
49	N 0	N 0	2		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Marsh - Beaver area.														
50	R 6	X 0	23	47	8	200	65	red pine	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Harvesting technology inadequate														
comnts Fmd : Row thinned 5/9/2000. Most of stand has strait rows on level ground. Extreme E and S part of stand are on a hill, 2nd terrace of flood plain and rows get fuzzy. Crew had a difficult time row thinning stand as the rows are very narrow. Rows are now to narrow to second time thin. Hold ten yrs final harvest and replant to red pine.														
51	E 6	E 2	52	62	8	70	47	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Down over the bank in the West Branch Clam River flood plain. Lots of diversity here bayous, oxbows, springs and scattered high ground. No harvest very wet gorund.														
52	O 9	O 1	11	65	10	90	50	oak	immature	N		10-19 years	0	
comnts Fmd : Did not visit stand. Access is an issue here.														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
53	O 6	O 3	27	54	6	90	50	oak	immature	N		10-19 years	0	
comnts Fmd : Advanced oak regen is reaching pole size here. Hold 10 yrs and remove overstory. Pockets of jack pine. Semi open area north end of stand.														
54	R 6	X 0	5	47	8	170	68	red pine	immature	N		10-19 years	0	
comnts Fmd : Row thinned 5/9/2000. Hold 10 yrs and treat with stand 50.														
55	A 3	A 3	2	6	1	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Habitat cut 5/9/2000														
56	E 6	E 2	15	57	7	70	47	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Down over the bank in the Clam River flood plain. Lots of diversity here bayous, oxbows, springs and scattered high ground. No harvest very wet ground.														
57	J 6	O 2	27	61	7	100	50	jack pine	immature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : Harvest now and interplant jack pine following harvest to maintain full stocking. Leave all white pine and leave scattered oak trees. Heavy wind damage from spring 2006 storm. Mark oak den trees to leave both individually and in small groups. Regeneration will be a mix of natural oak and jack pine and planted jack pine.														
58	E 6	E 2	7	57	7	70	47	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Down over the bank in the Clam River flood plain. Lots of diversity here bayous, oxbows, springs and scattered high ground. No harvest very wet ground.														
59	J 3	O 1	59	15	3	0	45	jack pine	immature	N		30-39 years	0	
comnts Fmd : Cut approx. 15 yrs ago. No records of harvest stand is part of a recent land acquisition from Consumers Energy. Nice mix of natural regen. J3/J2-O1.														
60	J 6	O 2	5	61	7	100	50	jack pine	immature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : Harvest now and interplant jack pine following harvest to maintain full stocking. Leave all white and red pine and leave scattered oak trees. Mark oak den trees to leave both individually and in small groups. Regeneration will be a mix of natural oak and jack pine and planted jack pine.														
61	R 6	O 3	24	67	8	150	60	red pine	immature	N	selection	within 0-9 years	1	
comnts Fmd : Mixed red pine, jack pine and oak stand. Pine was interplanted in 1939. Harvest all but red pine. Oak and jack pine starting to show signs of decline. Will need to mark some red pine to remove in areas of dense red pine this is needed to make the stand loggable. Dense oak sapplings are three feet tall. Harvest will stimulate and release oak regeneration that is in place.														
62	J 6	O 3	16	45	6	110	45	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Harvest now trench and interplant jack pine to maintain full stocking. Dense oak understory 18" to 72" tall. Regeneration will be a mix of natural oak, jack pine and planted jack pine.														
63	J 3	J 3	20	5	1	0	42	jack pine	immature	N		50-59 years	0	
comnts Fmd : Final harvest 2000. Trenched and planted to jack pine.														
64	R 4	O 3	45	67	6	40	42	red pine	immature	N		20-29 years	0	
comnts Fmd : All but red pine harvested in 2000. Not a plantation density of red pine varies. Decent oak regeneration has resulted from the harvest it appears that the overstory red pine is nursing the oak regen. Red pine was interplanted in 1939. Red pine was suppressed and is so so quality at best.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
65	J 3	J 3	12	5	1	0	42	jack pine	immature	N		50-59 years	0	
comnts Fmd : Final harvest 2000. Trenched and planted to jack pine.														
66	J 5	J 3	38	29	4	40	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : In transition between J3 and J6.														
67	R 6	O 1	40	67	8	190	50	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Mixed red pine, jack pine and oak stand. Pine was interplanted in 1939. Harvest all oak and jack pine mark to cut red pine reducing red pine BA/AC to 90. Oak and jack pine starting to show signs of decline. Leave all scattered large wolf oak trees. Leaving the wolfy oak trees will add diversity and reduce logging damage to the residual red pine. Rows for access will need to be laid out in much of the stand.														
68	J 3	O 3	39	7	1	0	52	jack pine	immature	N		50-59 years	0	
comnts Fmd : Final harvest 1999. Trenched and planted to jack pine.														
69	A 3	A 3	11	7	2	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Final harvest 1999. Excellent regeneration.														
70	A 6	M 2	16	35	7	130	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Selective clear cut in 1971. Scattered vernal ponds and non stocked low areas. Hold ten years.														
400	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
401	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
402	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
403	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
404	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
405	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														
406	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 8

Entry Year: 2008

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H								
407	G 0	G 0	6			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old twp dump.													
408	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.													
409	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.													
410	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.													
411	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well.													

Total Acres..... 1213