

\* 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	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
1	V0	V0	54		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : VO flooded area along townline creek. 1/3 ownership														
2	X0	X0	4		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : US 27 ROW XO														
3	Q5	L2	29	85	6	60	48	mixed swamp conifer	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Q5 mixed with VO. Very wet..part of a large flooding to the north.														
4	V0	V0	89		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : VO flooded area along townline creek.														
5	V0	V0	49		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : VO flooded area along townline creek.														
6	Z0	Z0	13		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : FORMERLY E9 20 years ago - BEAVER FLOODING KILLED ALL TREES														
7	W6	O1	14	68	8	90	60	white pine	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Area is actually two stands that are too small to delineate. West end is C5/C6ish. Center is more E5 that is very wet due to flooding. East end is mixed white pine, red pine, jack pine, oak, soft maple and some scattered overmature aspen. Manage for mature timber along flooding. Let stand go to mixed oak, maple and white pine														
8	W5	N1	8	40	10	50	60	white pine	immature	N		not scheduled	0	
comnts Fmd : Grass opening with patches of WP/RP/oak filling in on edges.														
9	R6	X0	17	46	8	130	60	red pine	immature	N		10-19 years	0	
comnts Fmd : row thinned last YOE. South End of stand more of a natural area with scattered red and white pine with openings.														
10	O3	A2	60	16	2	0	55	oak	immature	N		70-79 years	0	
comnts Fmd : nice mix of oak, aspen, and white pine regen. Some areas of more mature white pine(W5ish) at south and west end of stand.														
11	J6	O1	37	86	9	110	60	jack pine	mature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : 2" spec clear cut and interplant with jack pine to ensure adequate regeneration, Mark roughly one large oak/2acres to leave for mast production. Small leatherleaf bog at south east end of stand that will need to be painted out of the timber sale (~.5AC). Harvest the stand on the east side of the road down to the wet flooding. There may be enough oak and aspen regeneration where artificial regen wont be needed in all areas.														

\* 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	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
12	E6	E1	11	79	9	80	55	swamp hardwoods	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Inadequate volume due to small acreage														
comnts Fmd : Portion of the stand was set up in the 1997 clear cut but wasn't treated for some reason, probably due to wetter ground and a drain at the west end of the stand. No treatment recommended due to the small size of the stand and the wet drain at the west end of the stand.														
13	E4	E1	6	49	7	20	50	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : LO tag alder with scattered E5 pockets. Drain runs through stand.														
14	E6	L0	5	64	9	70	57	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Didn't visit this YOE. E6 Between creek and LO. No access as stand was flooded.														
15	E6	Q1	2	64	9	80	57	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : stand to the south was flooded...no access so info is from last YOE.														
16	E6	Q1	9	64	9	70	57	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : mixed maple, ash, cedar, balsam fir and a few large scattered aspen. Could habitat cut in a few areas around aspen clones but stand is to wet for a commercial harvest. The majoresty of the aspen is well past its prime and regeneration may be a problem.														
17	A3	A3	3	8	2	0	65	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Dense A3, CC in 1997														
18	L0	N0	22		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : LO/NO that surrounds Townline creek. South east end is more cattails and marsh grass with some large snags along the edges.														
19	A5	A3	3	30	5	50	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Wildlife cut in 1975. A3 converting to A6, some areas of LO. Overall A5ish. Area is probably to wet for a commercial harvest in the future.														
20	R6	X0	31	46	8	180	60	red pine	immature	Y	thinning	within 0-9 years	2	
comnts Fmd : R6 row thinned last YOE. Nice straight workable rows. Individual mark roughly 1/3 of the volume. Take out poorly formed trees(forks and small Diamter) first then thin co-dominants for proper spacing taking the BA to 100-120.														
21	A5	A3	86	29	6	50	60	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : A3 converting to A6. Overall a5ish. Next YOE look at breaking stand in 1/2 or possibly treat entire stand as needed for age class distribution.														
22	A6	A3	23	36	8	130	56	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : mixed BT and trembling aspen, maple, oak. Aspen seems two aged in areas. 2' spec clear cut this YOE to establish private line and diversify age class. Mark a few large wolfy oak to leave for structural diversity and mast production. Leave all white pine and red pine, most of which is along pierce road. ORV trail disects stand.														
Wld :														

\* 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								
23	E8	E2	16	76	12	60	65	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : stand was thinned last YOE. Dense A3/E3 in areas. Aspen birch and some Oak removed last YOE. Stand includes small vernal pond. Decided not to clearcut due to wet areas within stand and various other reasons, see green sheet. Next YOE could do a group selection or thin the stand heavy to try to manage for aspen understory. Or possibly thin the stand very heavy this YOE and change the management objective to A-Type.														
24	A3	A3	125	5	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : final harvest 2000. Good Dense A3 for the most part. East end of stand has a finger of mature E-Type timber along a drain.														
25	E5	E2	33		8	50	59	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Very wet area, LO mixed with scattered poor quality trees, looked at stand from the edge, no points taken														
26	E4	E2	10		7	30	50	swamp hardwoods	low quality	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : stand observed from the edge. Ash maple low conifer over tag alder. WET														
27	R6	X0	4	49	8	150	65	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : R6 with some intermixed oak and aspen. Never thinned. Could leave alone or clear cut to try to regenerate aspen. If CC expand lines out into aspen type to open up the area a bit and increase sprouting on the edges of the stand. Mark about 20BA/Ac of wind firm (large big crowned) red pine to leave as seed source and to diversify the stand structure.														
28	Q4	Q1	52	79	5	30	45	mixed swamp conifer	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet Easement/lease/long-term agreement (non-military)														
comnts Fmd : Observed from Express way. Large flooding with scattered Tamarack, balsam fire spruce and cedar. 1/3 ownership														
29	S5	Q2	8	84	8	60	43	black spruce-swamp	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Deer yards														
comnts Fmd : spruce stand with dense balsam, spruce and tamarack understory. Good deer yard areas.														
30	R3	O1	290	5	1	0	60	red pine	immature	N		70-79 years	0	
comnts Fmd : PYOE 60% oak was dead. 4" spec CC in 1997. Quite a bit of 6-8" red pine left on the west end of the stand. The majority of the stand was interplanted with red pine. Stand will likely need dissected next YOE when new imagery is available.														
31	R9	O2	63	65	10	130	60	red pine	immature	N		10-19 years	0	
comnts Fmd : RESIDUAL RED PINE PLANTED IN 1940 AND 1959 - OAK/JP CUT 20 YRS AGO IN NORTH 3/4 OF STAND. SOUTH END OF STAND HAD HARDWOODS REMOVED LAST YOE. POSSIBLY THIN ENTIRE STAND THIS YOE OR NEXT, AREAS OF VERY HIGH DENSITY AND SOME AREAS OF LOW DENSITY. HEAVY DEER BROWSE ON REGROWTH. ORV TRAIL DISECTS STAND. NORTH END OF STAND IS MORE SPARSE IN AREAS.														
32	J4	O2	25	8	5	30	55	oak	sparse	N		60-69 years	0	
comnts Fmd : ALL OAK MAPLE AND ASPEN CUT IN 1997. WP AND JP WERE LEFT. J5/W5 IN AREAS W2 O2 IN AREAS. LEAVE JACK PINE AND WHITE PINE TO SHELTER UNDERSTORY OAK. SOME JP MAY BE LOST BUT THERE ISNT MUCH OF IT, MANAGE FOR OAK UNDERSTORY. SOME AREAS WERE INTERPLANTED WITH RED PINE.														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 4

Entry Year: 2007

\* 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	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
33	E6	F2	43		9	90	65	swamp hardwoods	unevenaged	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : POSSIBLE AREA FOR HABITAT CUTTINGS ALTHOUGH DEER BROWSE MAY BE HIGH. STAND HAS STEEP SLOPE AT EAST AND SOUTH EDGE. DOWN IN MUSKEGON RIVER FLOOD PLAIN. MIXED E6 WITH BALSAM FIR AND CEDAR IN AREAS. THERE IS A SMALL HABITAT CUT AT NORTH END THAT APPEARS TO BE IN TRESPASS														
34	J6	N1	7	50	8	110	55	jack pine	mature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : JP IS MATURE. 2"SPEC CLEAR CUT AND PLANT TO JACK PINE. SOME AREAS DO HAVE AN ABUNDANCE OF OAK AND WHITE PINE IN THE UNDERSTORY. TRY TO AVOID DAMAGE TO THIS ADVANCED REGENERATION TO HELP DIVERSIFY THE SPECIES COMPOSITION														
35	R6	O1	66	66	11	130	60	oak	immature	N	shelterwood-seed	within 0-9 years	1	other - specify in remarks
comnts Fmd : MIXED RP, JP, AND OAK. MOST OF THE JACK PINE HAS DIED OUT OF THE STAND. FINAL HARVEST ALL SPECIES EXCEPT RED PINE. INDIVIDUAL MARK RED PINE TO ~40-50BA/ACRE TO ACT AS SHELTERWOOD FOR UNDERSTORY OAK. COME BACK FOR THE RESIDUAL RED PINE NEXT YOE OR IN 20 YRS. PRESCRIBE BURN STAND AFTER HARVEST TO PROMOTE OAK AND PINE REGEN.														
36	J6	O2	16	67	8	100	60	oak	mature	Y	final harvest	within 0-9 years	1	other - specify in remarks
comnts Fmd : MATURE JACK PINE STAND. DENSE O3 IN SOME AREAS. CLEARCUT AND BURN FOR OAK REGENERATION.														
37	E6	E1	42	66	8	70	61	swamp hardwoods	immature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : MAPLE ASH MIXED WITH LO AND NO INCLUSIONS ALONG CREEK FLOODPLAIN, SOME TRUE E TYPE POCKETS. STAY OUT!														
38	R4	O1	6	8	9	30	60	oak	two aged	N		50-59 years	0	
comnts Fmd : STAND CUT IN 1997. ROUGHLY 30 SQ.FT OF RED PINE WERE RETAINED AFTER HARVEST. NORTH END OF STAND MORE OF AN A3 UNDERSTORY, SOUTH END OF STAND MORE MAPLE, PINE AND OAK STUMP SPROUTS. MANAGE FOR UNDERSTORY.														
39	E6	E1	8		9	70	65	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : STAND DROPS DOWN SHARPLY TO RIVER FLOOD PLAIN. BALSAM, WHITE PINE AND E-TYPE UNDERSTORY.														
40	E6	E1	17		9	70	65	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : SMALL POCKET OF ASPEN ON THE EAST END OF STAND THAT COULD BE HARVESTED BUT IT IS VERY SMALL IN SIZE. THE REMAINDER OF THE STAND DROPS OFF DOWN INTO THE RIVER FLOOD PLAIN.														
41	X0	X0	12		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : ORV TRAILHEAD AND PARKING LOT AND MINI SCRAMBLE AREA														
42	Z0	Z0	12		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : MUSKEGON RIVER														

Stand Number	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								
43	X0	X0	13			0		other non-stocked or non-forest or non- productive	nonstocked	N		not scheduled	0	
comnts Fmd : scramble area. New fence was put up in 2004. THIS AREA HAS HISTORICALLY BEEN A PROBLEM SPOT FOR ORV DAMAGE ALONG THE RIVER. IT WAS AGREED AT THE PRE-REVIEW THAT THIS AREA NEEDS TO BE ADDRESSED THIS YO. POSSIBLE IDEAS INCLUDE, MAKING A CAMPGROUND HERE, DESIGNATING IT AS AN OFFICIAL SCRAMBLE AREA, CLOSING THE AREA TO ORV'S AND DOING A RESTORATION PROJECT.														
44	E6	E2	113		9	70	65	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : HIGHLY VARIABLE STAND IN THE MUSKEEGON RIVER FLOOD PLAIN. MAINLY E6/W2 WITH SOME PATCHES OF W6 AND J6. GOOD DEER YARD AREA ALONG THE MUSKEGON RIVER - GOOD OLD GROWTH AREA														
45	Q2	E2	18	17	0	0	60	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : HABITAT CUT IN 89 AND 88. GOOD STOCKING OF MIXED JP,WP,BALSAM AND A2/E2/LO IN SOME AREAS														
46	J2	J2	29	25	0	0	58	jack pine	immature	N		not scheduled	0	
comnts Fmd : STAND BURNED IN 1979. SALVAGE CUT IN 1980. SOME RESIDUAL LARGER RED AND JACK PINE STILL REMAIN SCATTERED THROUGHTOUT STAND. NOT ENOUGH TO SHOW VOLUMES SO UNDERSTORY IS HIGHLIGHTED.														
47	X0	X0	9			0		other non-stocked or non-forest or non- productive	nonstocked	N		not scheduled	0	
comnts Fmd : COUNTY ROADS PIERCE Rd. and HARRISON AVE.														
48	A5	A3	24	30	5	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : VERY NICE A3 ALMOST AN A6 IN AREAS. SAME AGE AND DENSITY AS STAND 58														
49	A3	A3	17	30	0	0	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : NICE A3. NORTH END OF STAND HAS LO INCLUSIONS ALONG PIERCE RD AND A UTILITY LINE. SOME HYPOXYLUM POCKETS PRESENT BUT THE MAJORETY OF THE STADN IS DOING WELL.														
50	V0	V0	13			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : WET AREA IN CUT AREA														
51	J6	O1	7	49	8	70	56	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : CC THIS YO. AND INTERPLANT JP. SOME AREAS OF 03 THAT CAN BE AVOIDED WHEN PLANTED. LEAVE ALL WHITE PINE AND RED PINE AS THERE IS VERY LITTLE OF IT PRESENT AND THERE WILL BE CUTTING ON BOTH SIDES OF THE ROAD. THERE ARE A FEW POCKETS OF ASPEN THAT SHOULD REGENERATE NICELY. POWERLINE DISECTS STAND TO THE NORTH....CUT ALL OF THE STAND EVEN BETWEEN THE POWERLINE AND ROAD.														
52	J6	X0	21	49	6	150	56	jack pine	mature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : WEST END OF STAND IS J5 ISH AND EAST END J6 THAT WAS PLANTED VERY TIGHT. FINAL HARVEST THIS YO. AS MUCH OF THE JACK PINE IS DYING OFF DUE TO TIGHT SPACING AND AGE. PLANT TO JACK PINE. 2' SPEC ALL SPECIES.														
53	R6	X0	19	49	8	170	65	red pine	immature	N	thinning	within 0-9 years	3	
comnts Fmd : STAND 1/3RD ROW THINNED LAST YO. STRAIGHT WORKABLE ROWS. THERE IS A PINE BARK BEETLE PROBLEM ON THE NORTH WEST END OF STAND BETWEEN THE ROAD AND THE UTILITY LINE, LIKELY DUE TO UTILITY LINE CLEARING AND DEBRIS THAT WAS LEFT DURING A DRY PERIOD. DETAILS OF HOW TO ADDRESS THIS AREA WILL NEED TO BE DISCUSSED WITH ROGER MECH. THIN THE REMAINDER OF THE STAND TO ROUGHLY 120BA/AC. MAY WANT TO REQUIRE THAT TOPS BE CHIPPED TO DECREASE CHANCE OF MORE BEETLE BUILD UP. THERE IS AN OLD FOUNDATION WITHIN THIS STAND AS WELL.														

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

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 4

Entry Year: 2007

\* 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								
54	J5	J3	74	36	4	50	55	jack pine	immature	N		20-29 years	0	
comnts Fmd : J3 CONVERTING TO J6. SCATTERED MATURE OAK, RED PINE, WHITE PINE AND ABOUT 10SQFT DEAD OAK OVERSTORY.														
55	J2	O1	36	7	1	0	55	jack pine	immature	N		60-69 years	0	
comnts Fmd : stand trenched and interplanted in 1999														
56	X0	X0	2		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : GRAVEL PIT TRESPASS - ORV SCRAMBLE AREA														
57	O7	M2	26	105	16	40	46	northern hardwood	in process of regeneration	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : SOME VERY HIGH QUALITY OAK LEFT AND A FEW LARGE WHITE PINE AFTER LAST YOЕ SHELTERWOOD. 16-20'DBH OVER A3/M2/O1. LITTLE OAK REGEN MAY WANT TO BURN STAND TO CONTROL SOFT MAPLE REGEN AND PROMOTE OAK REGEN, OR LET THE STAND CONVERT TO SOFT MAPLE AND ASPEN. THERE IS A SMALL POCKET OF MATURE RED PINE AND WHITE PINE ALONG HARRISON AVE THAT IS INCLUDED IN THIS STAND. ALSO A SMALL POCKET OF A6/E6 THAT WAS TO WET TO HARVEST.														
58	A5	A3	73	30	5	40	65	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : A3 CONVERTING TO A6. MAY WANT TO TREAT 1/2 OF STAND NEXT YOЕ TO DIVERSIFY AGE DIST.														
59	A3	O1	21	6	1	0	46	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand Final harvested last YOЕ, Overall decent aspen regen. Stand includes several small ponds which still have mature aspen around them.														
60	A2	O2	42	8	1	0	65	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : STADN CLEAR CUT IN 1997. PORTIONS OF WEST END INTERPLANTED WITH JACK PINE HOWEVER THE STADN IS MAINLY A2/O2/J1.														
61	A3	A3	13	16	0	0	63	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : NICE A3.														
62	O2	O2	13	30	0	0	56	oak	immature	N		40-49 years	0	
comnts Fmd : O2 ALMOST CONVERTING TO O6 WITH INTERMIXED ASPEN. Far west end burned spring 2005														
63	J5	O1	48		8	50	55	jack pine	immature	N		10-19 years	0	
comnts Fmd : 2 AGED JACK PINE. J3 INTERMIXED WITH J6 AREAS. HOLD 10 YEARS AND CLEAR CUT TO ALLOW UNDERSTORY TO GET TO MERCHANTABLE SIZE. OVERSTORY 55-65 YRS OLD AND UNDERSTORY 35 YEARS OLD. OAK AND ASPEN IN STAND 4-6 INCH DBH SHOULD EASILY HOLD 10 YEARS.														
64	Z0	Z0	41		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : RICE POND/COULD MAKE BOAT ACCESS														
65	V0	V0	43		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : LEATHERLEAF BOG ON EDGE OF RICE POND.														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 4

Entry Year: 2007

\* 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	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								
66	J3	J3	23	6	1	0	60	jack pine	immature	N		50-59 years	0	
comnts Fmd : NEW PURCHASE, SOME BEAVER DAMAGE ON A3, J4 OVERSTORY														
67	Z0	Z0	1		0	0		water	immature	N		not scheduled	0	
comnts Fmd : SMALL POND														
68	Z0	Z0	1		0	0		water	immature	N		not scheduled	0	
comnts Fmd : SMALL POND														
69	A6	O1	3	40	7	110	68	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : SMALL A6 STAND. SHOULD HOLD 10 YEARS WITH NO PROBLEMS. MANAGE WITH STAND 63 TO THE SOUTH IN 10 YEARS, STAND HAS SOME O3/O5 POCKETS AS WELL.														
70	J3	O2	212	31	2	0	45	jack pine	immature	N		30-39 years	0	
comnts Fmd : MIXED J3/O2, WITH SOME AREAS ALMOST J6ISH. ROLLING TERRAIN WITH A FEW OPEN AREAS BUT OVERALL STAND HAS GOOD STOCKING.														
71	V0	V0	16		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : MIXED O3/A1/W1, ALMOST O5/O6 IN AREAS. EAST END OF STAND IS ON A RIDGE, SOME JACK PINE MIXED INTO STAND AS WELL.														
72	O3	A1	20	31	3	0	56	oak	immature	N		40-49 years	0	
comnts Fmd : NICE DENSE ASPEN, DOWN IN A DEPRESSION WITH SCATTERED LARGE RED AND WHITE PINE. SOME BALSAM IN THE UNDERSTORY. NEXT YOE SHOULD BE NICE A6 STAND.														
73	A5	A3	11	31	4	50	61	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : A3 CONVERTING TO A6. GOOD DENSITY, NORTH END OF STAND NOT QUITE AS BIG, STILL A3														
74	A5	A3	58	31	4	40	61	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : A3 CONVERTING TO A6. GOOD DENSITY, NORTH END OF STAND NOT QUITE AS BIG, STILL A3														
75	O5	O2	25	76	8	40	56	oak	sparse	N		50-59 years	0	
comnts Fmd : PRESCRIBED LAST YOE BUT ONLY A FIREWOOD SALE WAS DONE. HIGHLY VARIABLE STAND. POCKETS OF OVER MATURE OAK INTERMIXED WITH A3/O2 AND W2. MANAGE FOR UNDERSTORY, LET CONVERT TO A MIX OF PINE, MAPLE, OAK AND ASPEN. COULD DO A 4-6' SPEC CLER CUT TO CAPTURE OVERMATURE OAK OR JUST LET IT DIE OFF AND SHELTER SOME OF THE ADVANCED OAK REGEN. MANAGE FOR UNDERSTORY														
76	Z0	Z0	1		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd :														
77	V0	V0	3		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd :														

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 4

Entry Year: 2007

\* 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	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								
78	A5	A3	6	38	6	60	75	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : STAND CONVERTING FROM A3 TO A6. EXCELLENT ASPEN, MANAGE WITH STAND TO THE SOUTH IN COMPARTMENT 5. GOOD STEM DENSITY AND OVERALL HEALTH. CLERCUT IN 10-20 YEARS AS NEEDED, SITE SHOULD EASILY HOLD 20 YEARS.														
79	Z0	Z0	18		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : NORTH HALF OF HASKEL LAKE														
80	A3	A3	34	16	0	40	72	aspen (upland)	two aged	N		30-39 years	0	
comnts Fmd : E4 ABOUT 60-70 YEARS OLD OVER A3/E2. STAND WAS HIGH GRADED AND NOW HAS 16 YEAR OLD ASPEN UNDER MIXED OAK AND WHITE PINE. MANAGE FOR ASPEN UNDERSTORY.														
81	C6	F1	17	89	8	80	46	cedar	mature	N		not scheduled	0	
comnts Fmd : CEDAR AND E-TYPE ALONG A LONG DRAIN. LEAVE FOR DEER YARDING AREA. NORTH END HAS SMALL POND AREA SURROUNDED BY LARGE SUPER CANOPY WHITE PINE.														
82	Z0	Z0	3		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : SMALL POND WITH LO, BALSAM, AND LARGE SUPER CANOPY WHITE PINE ON EDGE.														
83	A2	N2	31	16	3	30	50	aspen (upland)	two aged	N		40-49 years	0	
comnts Fmd : SPARSE. POCKETS OF O5/W5, STAND HIGH GRADED AND NOW HAS DEVELOPED AN A2/W2/O1/E1 UNDERSTORY. MANAGE FOR UNDERSTORY.														
84	X0	X0	2		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : WILSON RD														
85	R3	O1	189	6	1	0	56	red pine	immature	N		70-79 years	0	
comnts Fmd : OAK SALVAGE CUT IN 1998, INTERPLANTED TO RED PINE MIXED WITH POCKETS OF A3/O1/O2. STAND WILL LIKELY NEED TO BE BROKEN UP IN 10-20 YEARS AS NEW IMAGERY BECOMES AVAILABLE. EAST END OF STAND(EAST OF ROAD) HAS MORE A3 AND OAK ALONG WITH SOME AREAS OF CHERRY.														
86	Z0	Z0	8		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : SMALL ZO'S CONNECTED BY LO FINGER.														
87	W6	X0	3	50	8	120	65	white pine	immature	N		30-39 years	0	
comnts Fmd : SMALL POCKET OF WHITE PINE AND A FEW POCKETS OF JACK PINE. LEAVE FOR DIVERSITY IN COMPARTMENT. SI ESTIMATED.														
88	A3	M2	72	18	2	30	72	aspen (upland)	two aged	N		40-49 years	0	
comnts Fmd : 65 YR OLD SOFT MAPLE, ASPEN AND OAK OVER 18 YR OLD A3/E2 UNDERSTORY. NO TREATMENT RECOMMENDED, MANAGE FOR UNDERSTORY. THERE ARE A FEW SCATTERED LARGE RED PINE. FAR EAST FINGER MORE OF A MIXED OAK MAPLE STAND WITH E2/O2 UNDERSTORY. SOUTH WEST END OF STAND HAS MORE WHITE PINE PRESENT.														
89	A6	A3	71	38	6	70	72	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : STAND CONVERTING FROM A3 TO A6. SOME AREAS 6-8'DBH AND SOME 3-4'.														

\* 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	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								
90	Z0	Z0	7			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : TOWNLINE CREEK														
91	O5	O1	3	75	6	40	46	oak	immature	N		20-29 years	0	
comnts Fmd : STAND WAS THINNED IN 1990. VERY SMALL IN SIZE AND FAILRY POOR QUALITY. SMALLER PULP SIZED OAK OVER A2/02/E1. COULD DO AN OVERSTORY REMOVAL IN 10 YEARS TO RELEASE OAK UNDERSTORY														
92	Z0	Z0	4			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : TOWNLINE CREEK														
93	J5	O2	36	69	9	60	58	jack pine	mature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : LEFT LAST YOE TO BUFFER TWO LARGE CLEAR CUTS. 2'SPEC CC THIS YOE AND MANAGE FOR MIXED JACK PINE AND OAK. TRENCH AND PLANT JACK PINE WHERE NEEDED. THERE IS AN ABUNDANCE OF DEAD AND DOWN AND A LOT OF THE JACK PINE HAS BEEN LOST DUE TO AGE.EAST END IS SHORTER TIMBER AND HAS A DENSE O3, WEST END IS A BIT WETTER WITH E-TYPE UNDERSTORY. LEAVE SOME RED PINE AT SOUTH END OF STAND TO DIVERSIFY REGEN AND BREAK UP THE TWO ADJACENT CUTS.														
94	O3	A2	100	6	1	0	56	oak	immature	N		50-59 years	0	
comnts Fmd : Clear cut 1999. BRACKEN, AND BLUBERRY GROUND COVER DEPENDING ON AREA. Portion of the stand had a wildfire go through it in spring of 2005. NOTE:::STAND REVISITED ON 8-03-2005; THE OAK AND ASPEN REGENERATION IS VERY GOOD. THIS STAND DOES NOT NEED PLANTED OR BURNED LIKE I HAD ORIGINALLY THOUGHT. THERE ARE A FEW OPEN AREAS BUT OVERALL STAND LOOKS GREAT WITH MIXED WHITE OAK, PIN OAK, MAPLE, ASPEN AND SOME PINE.														
96	A6	M2	5	65	10	100	65	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : HARVEST NOW TO ENSURE GOOD REGENERATION. THE SOUTH AND WEST EDGE OF STAND HAVE SOME NICE OAK. ALSO SOUTH END OF STAND MORE OF AN OAK STAND WITHOUT MUCH ASPEN. 2' SPEC. ALL SPECIES BUT GREEN TREE LEAVE ROUGHLY 2 OAK TREES PER/ACRE WHERE THERE ISNT AN ABUNDANCE OF ASPEN PRESENT TO HELP INCREASE CHANCE OF OAK REGENERATION, DIVERSIFY STRUCTURE, AND ACT AS FUTURE CAVITY TREES. THE VERY SOUTH TIP OF STAND HAS SOME MATURE JACK AND RED PINE SOME OF WHICH HAS DIED AND CREATED LOTS OF CORSE WOODY DEBRIS, PAINT THIS AREA OUT OF SALE AND LET IT CONVERT TO A MIXED, OAK AND PINE POCKET.														
97	J5	O1	4	65	7	50	45	oak	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : MIXED J6 AND OAK BETWEEN POWERLINE AND PIERCE ROAD. VERY SMALL, COULD TREAT WITH STANDS 36 AND 35, I WOULD LET CONVERT TO OAK TYPE.														
98	V0	V0	19			0	0	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : V0 flooded area along townline creek.														
99	Q4	Q1	16	79	5	30	45	mixed swamp conifer	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Observed from Express way. Large flooding with scattered Tamarack, balsam fire spruce and cedar.														
100	L0	L0	6			0	0	lowland brush	nonstocked	N		not scheduled	0	
101	Z0	Z0	7			0	0	water	nonstocked	N		not scheduled	0	
comnts Fmd : BEAVER FLOODING														

Stand	Cover Type-Dnstry	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							
102	Z0	Z0	32		0	0	water	nonstocked	N		not scheduled	0	
comnts Fmd : BEAVER FLOODING													
103	Z0	Z0	3		0	0	water	nonstocked	N		not scheduled	0	
104	A6	M2	5	69	10	100	65	northern hardwood	mature	Y		not scheduled	0
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle													
comnts Fmd : SMALL ISLAND OF MIXED OAK AND ASPEN. LEAVE AS MATURED TIMBER. NO ACCESS AND VISIBLE FROM 127.													
105	A6	M2	32	69	10	100	65	aspen (upland)	mature	Y	final harvest	within 0-9 years	1
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle													
comnts Fmd : WAS PRESCRIBED LAST YOE FOR HABITAT CUT OR HARVEST, NOTHING OCCURRED. ASPEN IS BIG AND BUMPY, PROBABLY 90% PULP. 2" SPEC ASPEN, MAPLE, AND MIXED HARDWOODS, 6" SPEC OAK AND LEAVE ROUGHLY 1 OAK/ACRE AS SEED SOURCE AND VISUAL BUFFER. IF HARVESTED CUT ONLY TO FENCE ALONG 127..THIS WILL ALLOW ~20' OF VISUAL BUFFER. THERE IS A CREEK AT THE NORTH END OF STAND THAT MAY MAKE IT VERY DIFFICULT TO HARVEST THE FAR NORTH WEST END OF THE STAND. WOOD WOULD HAVE TO BE FORWARDED ALONG FENCE ADJACENT TO 127 ONTO PRIVATE PROPERTY AND DECKED DURING THE WINTER ONLY DUE TO WET GROUND, THIS IS PROBABLY FEASIBLE. RAY HAMSHER PROPERTY OWNER TO THE SOUTH SOUNDS VERY OPEN TO HAVE HIS DAUGHTER CUT THE TIMBER WITH A NEGOTIATED SALE. HOME 989-539-7304 CELL 989-233-5800													
106	N0	N0	70		0	0		marsh	nonstocked	N		not scheduled	0
107	A5	A3	14	28	4	40	55	aspen (upland)	immature	N		30-39 years	0
comnts Fmd : STAND CC IN 1977. COULDN'T GET TO STAND. USED AREAL IMAGERY AND SIMILAR AGE ASPEN TO DETERMINE COVER.													
108	R6	X0	29	49	8	240	69	red pine	immature	Y	thinning	within 0-9 years	2
comnts Fmd : 1/3 ROW THINNED LAST YOE. RED PINE INTERMIXED WITH LO INCLUSIONS. RED AND BLUE PAINT STILL VISIBLE FROM LAST HARVEST. INDIVIDUAL MARK STAND BA TO 100-120BA/AC, TARGET POOR QUALITY TREES FIRST FOR REMOVAL AND DO AN OVERALL THIN ELSEWHERE.													
109	V0	V0	11		0	0		bog or muskeg	nonstocked	N		not scheduled	0
110	A3	A3	17	8	1	0	70	aspen (upland)	immature	N		50-59 years	0
comnts Fmd : Stand CC in 1997. The far east edge of stand remains mature mixed oak and aspen due to wet ground. Excellent aspen regen for the most part.													
111	Z0	Z0	3		0	0		water	nonstocked	N		not scheduled	0
112	R6	X0	13	49	9	190	69	red pine	immature	Y	thinning	within 0-9 years	1
comnts Fmd : 1/3 ROW THINNED LAST YOE. BA IS STILL PRETTY HIGH AND GROWTH RINGS ARE TIGHT. REDUCE BA TO ROUGHLY 120 SQ.FT/AC. REMOVE POOR FORMED AND POOR QUALITY TREES FIRST AND DO AN OVERALL THINNING TO GET DESIRED DENSITY AND SPACING.													

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

GLADWIN FOREST MGT UNIT

Stand Level Information

Compartment: 4

Entry Year: 2007

\* 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	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
113	V0	V0	3	0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : VO flooded area along townline creek.													
114	A5	A3	16	30	5	50	65	aspen (upland)	immature	N	30-39 years	0	
comnts Fmd : A3 ALMOST A6 IN AREAS. OVERALL A5ISH. STAND HAS MANY POCKETS OF BALSAM AND LO INCLUSIONS.													
115	Q6	E1	40	89	7	80	40	mixed swamp conifer	sparse	Y		not scheduled	0
<u>Treatment Limiting Factors:</u> Too wet													
comnts Fmd : SOUTH WEST END OF STAND HAS MANY LO INCLUSIONS. NORTH END OF STAND NICE MIXED CONIFER (BALSAM, CEDAR, SPRUCE) AND SWAMP HARDWOODS(MAPLE, ASH, AND ASPEN). POTENTIAL AREA FOR HABITAT CUT.													
116	A3	M1	34	7	0	0	64	aspen (upland)	immature	N	50-59 years	0	
comnts Fmd : STAND CC IN 1998. THERE IS A SMALL(1-2 ACRE) SECTION OF MIXED WP/BALSAM AND ASPEN THAT WAS PAINTED OUT OF SALE DUE TO WET GROUND. NICE A3 FOR THE MOST PART.													
117	A3	F1	71	17	1	0	56	aspen (upland)	immature	N	40-49 years	0	
comnts Fmd : NICE A3 MIXED WITH BALSAM AND LO INCLUSIONS. SOUTH WEST END OF STAND HAS QUITE A BIT OF BALSAM FIR PRESENT. THER IS A SMALL 1-2 ACRE AREA OF UNCUT OVERMATURE ASPEN THAT WAS LEFT BY HOME AT THE NORTH EAST END OF STAND. LET NATURE TAKE ITS TOLE HERE.													
118	A5	A3	77	26	5	40	60	aspen (upland)	immature	N	30-39 years	0	
comnts Fmd : A3 CONVERTING TO A6. MAY WANT TO BREAK UP STAND NEXT YOE.													
119	A6	M1	3	69	9	90	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	2
comnts Fmd : NOT CUT WITH ADJACENT 1979 TSALE BECAUSE OF UNCERTAIN SURVEY LINE. PROBABLY TO SMALL FOR COMMERCIAL HARVEST, HABITAT CUT OR LEAVE ALONE.													
146	J3	J3	20	10	2	0	58	jack pine	immature	N	50-59 years	0	
comnts Fmd : STAND PLANTED 4-29-1995													
209	V0	V0	2		0	0		bog or muskeg	nonstocked	N		not scheduled	0
212	R6	X0	5	49	9	190	69	red pine	immature	Y	thinning	within 0-9 years	1
comnts Fmd : 1/3 ROW THINNED LAST YOE. BA IS STILL PRETTY HIGH AND GROWTH RINGS ARE TIGHT. REDUCE BA TO ROUGHLY 120 SQ.FT/AC. REMOVE POOR FORMED AND POOR QUALITY TREES FIRST AND DO AN OVERALL THINNING TO GET DESIRED DENSITY AND SPACING.													
216	A3	M1	11	7	0	0	64	aspen (upland)	immature	N	50-59 years	0	
comnts Fmd : NICE A3. CUT LAST YOE. SOME RESIDUAL MATURE TIMBER WAS LEFT ALONG WET AREAS.													
246	O2	J1	7	25	2	0	58	oak	sparse	N	60-69 years	0	
comnts Fmd : SOUTH PORTION OF OLD STAND 46. THIS AREA IS MUCH MORE OPEN. O2/J1 WITH LOTS OF OPEN AREAS.													
400	G0	G0	5			0		grass	nonstocked	N		not scheduled	0

**GLADWIN FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 4**

**Entry Year: 2007**

\* 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	Acres	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H								
401	G0	G0	3		0		grass	nonstocked	N		not scheduled	0	
402	G0	G0	1		0		grass	nonstocked	N		not scheduled	0	
403	G0	G0	2		0		grass	nonstocked	N		not scheduled	0	
404	G0	G0	1		0		grass	nonstocked	N		not scheduled	0	
405	G0	G0	6		0		grass	nonstocked	N		not scheduled	0	
406	G0	G0	2		0		grass	nonstocked	N		not scheduled	0	

comnts Fmd : utility line ROW

**Total Acres..... 3718**