

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 247 Entry Year: 2008

* 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			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
1	W 6	W 1	2		8	100	56	white pine	immature	N		20-29 years	0	
comnts Fmd : 12/22/2005 White pine stand coming along well. Look at in 20 years. (Grieve)														
2	A 3	A 3	5	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 Poor looking stand. Had residual left during the last cut. WP stumps. Cut in 20 years. Will add age diversity to area.. (Grieve)														
3	R 6	R 1	2	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
5	A 3	A 3	2	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 Poor looking stand. Had residual left during the last cut. WP stumps. Cut in 20 years. Will add age diversity to area.. (Grieve)														
6	A 3	A 3	2	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 Poor looking stand. Had residual left during the last cut. WP stumps. Cut in 20 years. Will add age diversity to area.. (Grieve)														
7	L 0	L 0	1				0	lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/22/2005 Pot holes "L" type. (Grieve)														
8	L 0	L 0	1				0	lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/22/2005 Pot holes "L" type. (Grieve)														
9	L 0	L 0	1				0	lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/22/2005 Pot holes "L" type. (Grieve)														
10	R 6	R 1	2	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
12	L 0	L 0	1				0	lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/22/2005 Pot holes "L" type. (Grieve)														
13	R 6	R 1	3	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
14	W 9	A 1	6		16	80	55	white pine	immature	N		20-29 years	0	
comnts Fmd : 12/22/2005 Open grown White Pine. Poor form weeviled badly. Look at in 10 years. (Grieve)														
15	R 6	R 1	1	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														

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					B	Tot. BA	Site Indx							
16	A 5	A 1	80	36	6	50	46	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
comnts Fmd : 12/22/2005 Poor form aspen. Needs to start over. Could cut now or in 10 years. Will be a chip job. Highly variable. (Grieve)														
Wld : Leave approximate south portion of this stand for source of mature aspen for grouse and other wildlife. Cut south portion in 10 years. This will add to age and structural diversity of the surrounding area. Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Scattered leave islands of approximately 1/4 acre will be marked for structural diversity and for wildlife food and cover. Leave islands will attempt to incorporate mast producing species such as oak and black cherry, healthy mature aspen, and some conifer component for cover. There should be approximately one leave island for every 15 acres of aspen cut. When possible leave islands will make use of adjacent mature timber to prevent windthrow of leave island.														
17	A 6	A 2	23	37	6	70	74	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 12/22/2005 Manage this with compartment 246 to the east. (Grieve)														
18	A 6	F 1	17	46	8	70	50	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/22/2005 Near river, high water table, clearcut & leave white pine. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Scattered leave islands of approximately 1/4 acre will be marked for structural diversity and for wildlife food and cover. Leave islands will attempt to incorporate mast producing species such as oak and black cherry, healthy mature aspen, and some conifer component for cover. There should be approximately one leave island for every 15 acres of aspen cut. When possible leave islands will make use of adjacent mature timber to prevent windthrow of leave island.														
19	L 0	L 0	5					lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/22/2005 L-type with some scattered trees. (Grieve)														
20	Q 6	F 2	8	54	6	80	38	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : 12/22/2005 Cedar swamp next to Manistee River (Grieve)														
21	Q 6	F 2	5	54	6	80	38	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : 12/22/2005 Cedar swamp next to Manistee River (Grieve)														
22	L 0	L 0	1					lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 swamp next to Manistee River (Grieve)														
23	R 6	R 1	2	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
24	R 6	R 1	1	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
25	Q 6	F 1	32	56	6	70	46	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 swamp at base of old river cut (Grieve)														
26	R 6	R 1	9	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														

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					B	Tot. BA	Site Indx							
27	R 6	R 1	1	43	6	240	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/22/2005 Old Consumers Energy plantings. Look good, ready for a thinning. Stands 3, 10, 13, 15, 23, 24, 26 & 27 are all the same. (Grieve)														
28	A 3	A 3	4	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 Poor looking stand. Had residual left during the last cut. WP stumps. Cut in 20 years. Will add age diversity to area.. (Grieve)														
29	A 3	A 3	111	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/22/2005 Poor looking stand. Had residual left during the last cut. WP stumps. Cut in 20 years. Will add age diversity to area.. (Grieve)														
30	N 0	N 0	3			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Active beaver flooding. Mostly water & marsh grass. Very old beaver dams & in good repair. They have trees growing out of them. (Grieve)														
31	A 3	A 3	9	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/13/2005. Old Consumers Energy clearcut. Looks very good. Has many patches of residual, cedar, balsam & white pine. Sometimes solid small stands. Imagery is not very good for this compartment & is difficult to delineate stands well. (Grieve)														
32	Q 6	E 1	23	55	6	140	57	mixed swamp conifer	nonstocked	N		not scheduled	0	
comnts Fmd : 1/3/2006 Sometimes this is solid hemlock, sometimes solid cedar & sometimes solid balsam fir. Steep hill sides from creeks & the Manistee River. (Grieve)														
34	A 5	A 2	28		6	50	56	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 12/22/2005 Beech in understory, high water table, very mixed stand. Changes each time you move. Look at in 10 or twenty years. (Grieve)														
35	A 6	M 2	22	51	8	100	77	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/23/2005 Close to river. Has been posted & I have found a discrepancy with ownership lines. Will look in to this and correct by time of review. Cut now & leave all red & white pine & oak. High risk & high water table. Put in rutting spec. Should only be cut in the winter or during a dry summer or fall. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Scattered leave islands of approximately ¼ acre will be marked for structural diversity and for wildlife food and cover. Leave islands will attempt to incorporate mast producing species such as oak and black cherry, healthy mature aspen, and some conifer component for cover. There should be approximately one leave island for every 15 acres of aspen cut. When possible leave islands will make use of adjacent mature timber to prevent windthrow of leave island.														
36	E 9	E 1	5		14	120	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Low lands next to Manistee River. (Grieve)														
37	A 3	A 3	46	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/13/2005. Old Consumers Energy clearcut. Looks very good. Has many patches of residual, cedar, balsam & white pine. Sometimes solid small stands. Imagery is not very good for this compartment & is difficult to delineate stands well. (Grieve)														
38	R 6	R 1	10	46	8	250	70	red pine	immature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : 12/20/2005. This is an old CP red pine planting which missed its first thinning. Clearcut & plant to red pine per Red Pine Project recommendations. (Grieve)														
39	Q 5	L 0	2	56	6	40	25	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : 12/22/2005. E-L-Q type next to river. (Grieve)														

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					B H	Tot. BA	Site Indx							
40	Q 6	F 1	9		6	120	51	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : 12/20/2005. Large conifer swamp next to Manistee River. Parts of this swamp are high enough to support white pine. (Grieve)														
41	A 6	A 1	4	51	8	80	61	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/20/2005. Clearcut along with stand on the other side of power line. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs.														
42	W 6	W 1	47		8	100	56	white pine	immature	N		20-29 years	0	
comnts Fmd : 12/22/2005 White pine stand coming along well. Look at in 20 years. (Grieve)														
43	M 6	W 1	12	37	6	80	59	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : 12/22/2005. Old white pine stumps. Aspen very poor quality, white pine weeviled but looks good. Look at in 20 years. (Grieve)														
44	M 6	A 1	31	56	8	70	67	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/16/2005. Very mixed stand age wise. Lets cut & improve the aspen. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Leave scattered mast producing oak.														
45	R 6	F 1	6	56	8	220	55	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. (Grieve)														
46	Q 6	F 1	9		6	120	51	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : 12/20/2005. Large conifer swamp next to Manistee River. Parts of this swamp are high enough to support white pine. (Grieve)														
47	L 0	L 0	20					lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/16/2005. Low land brush, some old beaver evidence. (Grieve)														
48	R 6	F 1	3	56	8	220	55	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. (Grieve)														
49	X 0	X 0	7			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 County Roads (Grieve)														
50	A 6	A 1	62	36	6	110	68	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 12/1/2005 Nice looking stand. Cut 1/2 in 10 the other 1/2 in 20. (Grieve)														
51	R 6	F 1	1	56	8	220	55	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. (Grieve)														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
52	Q 6	F 1	70	6	120	51	mixed swamp conifer	immature	N		20-29 years	0		
comnts Fmd : 12/20/2005. Large conifer swamp next to Manistee River. Parts of this swamp are high enough to support white pine. (Grieve)														
53	A 6	A 1	7	51	8	80	61	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/20/2005. Clearcut along with stand on the other side of power line. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs.														
55	L 0	L 0	15				lowland brush	nonstocked	N			30-39 years	0	
comnts Fmd : 12/16/2005. Low land brush, some old beaver evidence. (Grieve)														
57	A 3	A 3	3	2	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 12/22/2005 This small sale was an add on of a Cadillac timber sale, # 63-018-01-1 (Grieve)														
58	R 6	F 1	1	56	8	150	55	red pine	immature	N		10-19 years	0	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. Manton office treated this stand with the part which was in Missakee County in 2004. (Grieve)														
59	R 6	F 1	2	56	8	220	55	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. (Grieve)														
60	W 6	F 1	16	66	6	80	65	white pine	immature	N		20-29 years	0	
comnts Fmd : 12/16/2005. High watertable. Some nice white pine coming along. (Grieve)														
61	N 0	N 0	1				marsh	nonstocked	N			not scheduled	0	
comnts Fmd : 12/16/2005. Marsh grass pot hole. (Grieve)														
62	A 6	A 1	13	36	6	80	46	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 12/16/2005. High water table. Some nice white pine also. (Grieve)														
63	R 6	F 1	9	56	8	220	55	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 12/16/2005. Old CP plantation, thinned once. Nice looking. Mark job, take about 1/3. Stands 63, 48, 51, 45, & 59 all the same. (Grieve)														
64	X 0	X 0	2				0	other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 County Roads (Grieve)														
65	G 0	G 0	1				0	grass	nonstocked	N		20-29 years	0	
comnts Fmd : 12/16/2005. Old landing (well not really that old, one year & will use as a landing again. Knapweed, aspen saps & other stuff. (Grieve)														
66	L 0	L 0	2				0	lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 12/16/2005. Low land brush, pot hole. (Grieve)														

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					B	Tot. BA	Site Indx							
67	A 6	A 1	61	36	6	110	68	aspen (upland)	immature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/1/2005 Nice looking stand. Cut 1/2 in 10 the other 1/2 in 20. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Scattered leave islands of approximately 1/4 acre will be marked for structural diversity and for wildlife food and cover. Leave islands will attempt to incorporate mast producing species such as oak and black cherry, healthy mature aspen, and some conifer component for cover. There should be approximately one leave island for every 15 acres of aspen cut. When possible leave islands will make use of adjacent mature timber to prevent windthrow of leave island.														
68	R 6	R 1	23	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
69	R 6	R 1	4	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
70	W 6	F 1	6	66	6	80	65	white pine	immature	N		20-29 years	0	
comnts Fmd : 12/16/2005. High watertable. Some nice white pine coming along. (Grieve)														
71	Q 5	F 1	54	56	8	50	46	mixed swamp conifer	nonstocked	N		30-39 years	0	
comnts Fmd : 12/16/2005. Swamp, scattered "L" type. Not really well stocked. (Grieve)														
72	Q 6	F 1	26		6	120	51	mixed swamp conifer	immature	N		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Easement/lease/long-term agreement (non-military)														
comnts Fmd : 12/20/2005. This Lease (# M-134) expires on August 15th 2012. At this time the lease is held by Ms. Dorrine Bulgrien, 3399 Wintergreen Drive West, Saginaw, MI 48603. & Mr. Clarence R. Kallish, 3705 Springbrook Lane, Lansing, MI 48917 (Grieve)														
73	A 6	A 1	28	36	6	110	68	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 12/1/2005 Nice looking stand. Cut 1/2 in 10 the other 1/2 in 20. (Grieve)														
74	A 3	A 3	26	19	4	0	52	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/1/2005 Nice looking stand. (Grieve)														
75	P 4	L 0	5	43	6	30	49	balsam poplar & swamp aspen and swamp white birch	sparse	N		40-49 years	0	
comnts Fmd : 12/13/2005. Semi low area in bend of river. (Grieve)														
76	E 9	E 1	2		14	120	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Low lands next to Manistee River. (Grieve)														
77	E 9	E 1	16		14	120	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Low lands next to Manistee River. (Grieve)														
78	R 6	R 1	41	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														

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					BH	Tot. BA	Site Indx							
79	A 3	A 3	212	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/13/2005. Old Consumers Energy clearcut. Looks very good. Has many patches of residual, cedar, balsam & white pine. Sometimes solid small stands. Imagery is not very good for this compartment & is difficult to delineate stands well. (Grieve)														
80	R 6	R 1	4	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
81	E 9	E 1	7		14	120	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Low lands next to Manistee River. (Grieve)														
82	E 5	E 2	5	40	6	60	59	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old pine stumps. First 36 years, really put on fiber. Low lands next to Manistee River. (Grieve)														
83	A 6	M 1	12	52	8	110	60	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/20/2005. Starting to move toward northern hardwoods. Clearcut & keep in aspen. Leave scattered clumps of aspen. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs.														
84	A 3	A 3	4	18	4	0	56	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 12/13/2005. Old Consumers Energy clearcut. Looks very good. Has many patches of residual, cedar, balsam & white pine. Sometimes solid small stands. Imagery is not very good for this compartment & is difficult to delineate stands well. (Grieve)														
85	Q 6	F 2	12	52	6	80	42	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : 12/13/2005. Low area, but no standing water. (Grieve)														
86	Q 6	F 1	35		8	100	52	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : 12/13/2005 There is a creek through this stand. Some times it has very high banks, other times not so much. Some big white pine, with sometimes pure small blocks of hemlock. Should never be treated because of the water. (Grieve)														
87	Q 6	F 2	9	61	8	110	50	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : 12/13/2005 Perched water table. Mostly in patches of cedar or balsam. (Grieve)														
88	E 4	E 1	3	41	6	30	41	swamp hardwoods	sparse	N		30-39 years	0	
comnts Fmd : 12/13/2005. Almost a treed bog. (Grieve)														
89	R 6	R 1	4	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
90	L 0	L 0	13					lowland brush	nonstocked	N		30-39 years	0	
comnts Fmd : 11/29/2005 L-type with scattered aspen, sometimes in clones of A6, sometimes just L. Intermittent stream flows through stand. Beaver activity at this time. Stream crossing is in bad shape. Needs new culvert & a few loads of gravel. (Grieve)														
91	E 9	E 1	1		14	160	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old pine stumps. First 36 years, really put on fiber. Low lands next to Manistee River. (Grieve)														

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 247 Entry Year: 2008

* 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			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
92	A 6	A 1	8	49	8	80	67	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : 12/1/2005 Gate cable trespass in this stand & posting. Good stand for a cut as it is ready. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs.														
93	N 0	N 0	12			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : 1/3/2006 This is an old beaver flooding. Looks like there is still a lot of activity but the pond have turned to mostly marsh. A few trees (pole size) still are in stand. A few cattails and a lot of marsh grass. (Grieve)														
94	A 6	E 2	23	41	8	80	75	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 11/29/2005 No cut, not this time anyway, maybe never, to wet. Also, to close to the Manistee River with this stand between the river & the bluff. (Grieve)														
95	E 9	E 1	7		14	160	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old pine stumps. First 36 years, really put on fiber. Low lands next to Manistee River. (Grieve)														
96	A 5	L 0	24	36	8	50	53	aspen (upland)	immature	N		not scheduled	0	
comnts Fmd : 12/1/2005 This is the hill side & the run out along the river. No cutting, stand comes & goes from wooded to "L" type & the amount of timber. (Grieve)														
97	R 6	R 1	20	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
98	R 6	R 1	2	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
99	V 0	V 0	15			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : 12/1/2005 Leatherleaf bog. (Grieve)														
100	R 6	R 1	5	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
101	V 0	V 0	1			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : 12/1/2005 Leatherleaf bog. (Grieve)														
102	R 6	R 1	1	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
103	R 6	R 1	1	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
104	R 6	R 1	1	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														

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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								
107	W 9	F 2	31	53	16	80	60	white pine	immature	N		not scheduled	0	
comnts Fmd : 12/1/2005 White pine stand along Ham Creek. (Grieve)														
108	N 0	N 0	1			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old beaver flooding, now marsh grass & cedar snags. (Grieve)														
109	M 6	M 1	3		8	100	59	northern hardwood	unevenaged			not scheduled	0	
110	X 0	X 0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 County Road & parking lot to Rainbow Jim's Publice Access Site. (Grieve)														
111	M 6	M 1	4		8	100	59	northern hardwood	unevenaged	N		not scheduled	0	
112	A 6	A 1	36	52	8	90	61	aspen (upland)	high risk	N	final harvest	within 0-9 years	1	
comnts Fmd : 11/23/2005 Aspen not in good shape. Needs a cut, high risk on east side. Looks good in other areas. (Grieve)														
Wld : Fell and leave 1-2 trees per acre for coarse woody debris. Tree should be 12-14in DBH and cut leaving a stump of approximately 4.5 feet high. Protect fruiting shrubs. Scattered leave islands of approximately ¼ acre will be marked for structural diversity and for wildlife food and cover. Leave islands will attempt to incorporate mast producing species such as oak and black cherry, healthy mature aspen, and some conifer component for cover. There should be approximately one leave island for every 15 acres of aspen cut. When possible leave islands will make use of adjacent mature timber to prevent windthrow of leave island.														
113	R 6	M 1	4	39	8	270	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/23/2005 Ready for cut. Best to cut with Manton's sale to the south and have just one sale. 3rd row thinning. (Grieve)														
114	R 6	M 1	4	39	8	270	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/23/2005 Ready for cut. Best to cut with Manton's sale to the south and have just one sale. 3rd row thinning. (Grieve)														
117	A 6	F 1	1	52	8	80	63	aspen (upland)	mature	N	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : 11/23/2005 Very small stand ready for a cut but is land locked. On top of bluff of Natural River. (Grieve)														
118	A 3	A 3	2	18	3	20	71	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 11/29/2005 Aspen cut 17 years ago. Cedar was left We will call this an aspen stand. (Grieve)														
119	A 3	A 3	79	18	4	0	80	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 11/29/2005 Stand was not a clean cut by Consumers, pockets of residual were left in places. Therefore, some aspen is of commercial age & size, but is widely scatters & not practical to harvest. Also, I don't believe the S.I. I took at all. (Grieve)														
120	R 6	R 1	8	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. Stream crossing is in bad shape. Needs new culvert & a few loads of gravel. (Grieve)														

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 247 Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
121	R 6	R 1	36	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. (Grieve)														
122	R 6	R 1	1	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. Stream crossing is in bad shape. Needs new culvert & a few loads of gravel. (Grieve)														
123	R 6	R 1	3	39	8	250	71	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 11/29/2005 Old Consumers Energy plantation. Has been thinned once. Take about a 1/3 of the trees. Marked job. Stream crossing is in bad shape. Needs new culvert & a few loads of gravel. (Grieve)														
124	M 9	M 1	2		14	130	56	northern hardwood	unevenaged	Y	selection	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available)														
comnts Fmd : 11/29/2005 Not in good shape, small and needs a selection cut. Very weak sale. Road in to sale needs work before it can be hauled on. (Grieve)														
125	E 9	E 1	4		14	160	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old pine stumps. First 36 years, really put on fiber. Low lands next to Manistee River. (Grieve)														
126	E 9	E 1	5		14	160	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Old pine stumps. First 36 years, really put on fiber. Low lands next to Manistee River. (Grieve)														
127	N 0	N 0	1			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : 11/29/2005 Island in the Manistee River. (Grieve)														
129	Q 9	F 1	7	105	14	70	30	mixed swamp conifer	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Other Dept./Div. procedures or practices (describe in comment) Too steep														
comnts Fmd : 11/23/2005 Steep banks along un-named creek in center of stand & than the creek becomes the property line. Even has a little water fall in it. Pat of Natural Rivers, and besides, could not be log well anyway. (Grieve)														
130	A 3	A 3	6	18	4	0	80	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 11/29/2005 Stand was not a clean cut by Consumers, pockets of residual were left in places. Therefore, some aspen is of commercial age & size, but is widely scatters & not practical to harvest. Also, I don't believe the S.I. I took at all. (Grieve)														
131	E 9	E 1	7		14	120	61	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : 11/23/2005 Low lands next to Manistee River. (Grieve)														
135	Z 0	Z 0	25			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														

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Stand Level Information

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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								
136	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														
137	Z 0	Z 0	6			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														
138	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														
139	Z 0	Z 0	12			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														
140	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Manistee River (Grieve)														
141	X 0	X 0	1			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 County Roads (Grieve)														
401	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/22/2005. Stand has a fire pit & post in the ground. Not sure who is using this. (Grieve)														
Wld : Adjacent to private property. Hand fell woody encroachment as needed. Reserve some mast producing shrubs and trees.														
402	G 0	G 0	9			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Power line & pipe line ROW (Grieve)														
Wld : Maintained pipeline ROW.														
403	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/22/2005 Over looking the swamp on a ridge. (Grieve)														
Wld : Expand opening into poorly stocked portion of adjacent A3 stand (stand 29). When possible islands of timber within expanded opening will be left for cover and mast production. Utilize gaps in the aspen to expand the opening. May need to do some tree removal but keep this to a minimum. Fertilize and seed native herbaceous vegetation (for wildlife food and cover) as needed within opening.														
404	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Over looking Manistee River with County road through the center of stand. Two rows of red pine planted on south side of stand next to river bluff. (Grieve)														
Wld : Stand is along Spring Creek Road overlooking Manistee River.														
405	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/16/2005. Well, mostly grass. Some small white pine saps coming in. This stand was an unplanted area bounded on three sides by a red pine plantation. (Grieve)														
Wld : Maintain as small opening within adjacent pine stand. Hand fell woody encroachment as needed.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
406	G 0	G 0	10			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Power line & pipe line ROW (Grieve)														
Wld : Maintained pipeline ROW.														
407	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/22/2005 This is a small stand with aspen all around it. Does not show up well on the photo. (Grieve)														
Wld : Expand opening into poorly stocked portion of adjacent A6 stands (stands 53 and 41). When possible islands of timber within expanded opening will be left for cover and mast production. Utilize gaps in the aspen to expand the opening. May need to do some tree removal but keep this to a minimum. Fertilize and seed herbaceous vegetation (for wildlife food and cover) as needed within opening. Opening work will be conducted post timber harvest.														
408	G 0	G 0	4			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 Power line & pipe line ROW (Grieve)														
409	G 0	G 0	2			0		grass	nonstocked	N		20-29 years	0	
comnts Fmd : 12/16/2005. Old barrow pit. Starting to recover. (Grieve)														
Wld : Old gravel pit right off of Coster Rd. Being used for target practice. Poor soils (sand).														
410	G 0	G 0	3			0		red pine	nonstocked	N		within 0-9 years	0	planting
comnts Fmd : 12/13/2005. Old well site. Lots of little knapweed. Plant to red pine. (Grieve)														
Wld : Poor soil. Concur with FMFM.														
411	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 11/29/2005. Some knapweed in small opening. This is a five corners for a 2-track.. (Grieve)														
Wld : This stand will be the timber landing for surrounding aspen cut. Post timber harvest, possibly next entry period, this opening will receive maintenance and planted to herbaceous vegetation (for wildlife food an cover) as needed to maintain a forest opening within surrounding regenerating aspen.														
412	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/16/2005. Parking area at the end of a two track. (Grieve)														
Wld : Maintain opening for hunter and other recreation access to surrounding habitat.														
413	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/20/2005. NO Knapweed! (Grieve)														
Wld : This stand will be the timber landing for surrounding aspen cut. Post timber harvest, possibly next entry period this opening will receive maintenance and planted to herbaceous vegetation (for wildlife food an cover) as needed to maintain a forest opening within surrounding regenerating aspen.														
414	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 12/13/2005. Old well site growing in very well. Mostly weeds, very little knapweed. (Grieve)														
Wld : Great spot to plant to herbaceous vegetation in order to maintain a small forest opening within surrounding A3 stand. Access here could be an issue. Two oaks on perimeter of this opening.														
415	G 0	G 0	2			0		red pine	nonstocked	N		within 0-9 years	0	planting
comnts Fmd : 12/1/2005 Old well site. Plant to red pine or other. Lots of knapweed. (Grieve)														
Wld : Sand and spotted knapweed. Concur with FMFM.														

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Stand Level Information

Compartment: 247 Entry Year: 2008

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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							
416	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : 12/22/2005 This is a small undisturbed stand next to an abandon well site. (Grieve)													
Wld : This stand will provide small forest opening within surrounding pine stand.													
417	G 0	G 0	1			0	grass	nonstocked	N		20-29 years	0	
comnts Fmd : 11/29/2005. Part of a well pad on state land. All of this happened before the state got the land. Looks like the oil company has made an attempt to fence the property line. (Grieve)													
418	G 0	G 0	5			0	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : 11/29/2005. Some knapweed. (Grieve)													
Wld : Very wet at west end with some beaver activity and possible trespass. Found old hawthorn, scattered black cherry, several oak, musclewood, rubus, little bluestem, and some witch hazel. Plant degraded portions to herbaceous vegetation (for wildlife food and cover) as needed within opening.													
419	G 0	G 0	1			0	grass	nonstocked	N		20-29 years	0	
comnts Fmd : 1/3/2006 Old landing. Will be used as one again. (Grieve)													
Wld : Small stand within red pine plantation and immediately adjacent to Coster Rd.													
Total Acres.....			1906										