

* 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	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	R 6	O 1	24	69	10	130	55	red pine	old growth (potential or actual)	N	thinning	within 0-9 years	2	
<p>comnts Fmd : 2006: This was part of the plantation that was not thinned. The stand has areas where rows are evident. Other parts of the stand the plantaion has failed and oak, maple and aspen have developed. There is some steep topography in the NW portion of the stand which may prove difficult for equipment. Thin the areas of red pine to 80 - 90BA (remove the majority of jack pine from these areas). Final harvest w/ reserves for the oak pockets. Leave 10 -20BA of representative timber (but favor oak) for retention and as a mast source in these pockets. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA. An oak stand adjacent to the north has been marked for a thinning in a different compartment. 1997:LET ASPEN DYE OUT AND OAK SEEDLINGS GET TALLER BEFORE WE THIN.</p>														
2	R 6	O 1	52	68	10	100	56	red pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Thinned during January, 2000. All jack pine and every third row cut under contract #003-99-01, Tree Slung Compass block. Will be ready for another treatment in 10. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA. Low quality, poor site red pine, manage with adjacent warbler units.</p>														
3	J 6	O 1	139	66	8	80	48	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p> <p>comnts Fmd : 2006:Some old CCC foundations found in southern part of stand. Has an oak understory but it is doubtful that many will make it past the seedling stage. Scattered stems of red pine, there are a couple monarch pine found in the west part of stand. Would be nice if these could be left during warbler management. Some areas have real nice stems of jack pine J6, others areas are an open J4. Still scheduled for a 2019 YO. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA. 1997:VARIABLE - SOME J3, SOME J6; MOST IS J4-J2. BLOCK 5 N.BRANCH KW UNIT. Y.O.E. 2019.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
4	O 6	U 1	14	79	10	70	46	oak	old growth (potential or actual)	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : 2006: A few scattered pine in the understory, but very little regen to speak of. Lots of epicormic branching on the oak (majority of oak is of poor quality). There are pockets of mixed aspen found throughout the stand. Final harvest and try to obtain natural regen. Whole tree or leave tops of the jack pine to promote natural regen. The pockets of aspen should expand and the oak should be represented through stump sprouts. The management objective is oak but, any combination of oak, aspen, maple or jack pine, red pine, with white pine which meets the medium stocking requirement should be considered a success. Stand will be planted back to jack pine if natural regeneration fails. Leave small scattered islands which represent the stand make-up for in-stand retention requirements. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA.</p>														
5	O 1	G 0	2	2	1	0	50	oak	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : These tree were harvested for fisheries "big tree project". There is some stump sprout oak and a little bit of aspen along the east edge. The stand is mostly open w/ sedge and sweetfern. Incorporate stand into warbler management and replant when entered in 2019. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA.</p>														
6	J 6	O 1	10	66	8	80	48	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p> <p>comnts Fmd : 2006: Used data from stand 3. Some areas have real nice stems of jack pine J6, others areas are an open J4. Still scheduled for a 2019 YO. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA. 1997:VARIABLE - SOME J3, SOME J6; MOST IS J4-J2. BLOCK 5 N.BRANCH KW UNIT. Y.O.E. 2019.</p>														

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7	J 4	U 1	6	33	5	10	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : 2006: Open field filling in with jack pine. Pine barrens ground cover potential. Some oak and cherry brush as well. Some old trash piles found in stand. Cut and plant with warbler plan. Stand is coded as an 8 because it is found within a warbler management unit which is a HCVA.</p>														
8	A 6	F 1	7	74	9	70	55	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : 2006: Stand conditions are variable ranging from wet and low (open water) - to high and dry. West edge of stand is on a hill with a NE aspect. Quaking aspen found in the lower areas, big tooth is found in the dry spots mixed w/ oak. A couple black ash in stand. Final harvest, avoid crossing the drainage. Stand should be entered when conditions are conducive to operations (dry summer or frozen winter harvest is preferred). Leave small scattered islands for in-stand retention. Harvest w/ stand 4. Management objective is aspen but any medium to fully stocked stand consisting of aspen, maple, oak, or mixed conifer is acceptable. If stand is unable to regenerate, it will be planted back to a pine mix.</p>														
9	J 6	O 1	15	67	7	80	45	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p>														
<p>comnts Fmd : N. BRANCH KW MGT UNIT. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's. Treat and plant in 10 years along w/ stand 3.</p>														
10	A 4	M 2	17	32	4	20	50	aspen (upland)	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : N. BRANCH KW MGT UNIT. Stand is a mix of various hardwoods. White and red pine are starting to seed in from adjacent seed sources. This stand could provide a nice vertex for future management activities. Look at in 10 years w/ surrounding activities. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's.</p>														
11	J 3	O 2	30	17	2	0	50	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : RESULTS OF 1990 STEPHAN BRIDGE FIRE. 2006: Stand has regenerated nicely to jack pine with mixed oak. The regen is 8 -10' tall. The stand is patchy, some areas have more oak than pine. Others areas are more open. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's.</p>														
12	J 3	J 1	63	32	3	0	50	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : N. BRANCH KW MGT UNIT. BALD HILL FIRE. 2006: Majority of stand is dog hair thick - jack pine 15 - 20' tall. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														

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13	R 6	G 0	75	46	6	150	56	red pine	old growth (potential or actual)	N	thinning	within 0-9 years	1	
<p>comnts Fmd : 2006: This block will be liquidated in 2019 for warbler habitat. The stand varies in quality, some areas the red pine averages 5 sticks, others only 3. The best quality is in the NW part of the stand. Thin this stand to try and put on some growth to enhance value before warbler management operations. Should be able to third row thin most of stand. There are a couple tricky areas where the operators will need some guidance. Third row and remove excessively suppressed red and jack pine in the remaining two rows. Shoot for a BA of 90 - 100. Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's. Warbler specs? 1997: N. BRANCH KW MGT UNIT. Y.O.E. 2019.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
14	J 3	G 0	296	32	3	0	39	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : 2006: Stand is 20 - 25' tall. Some oak and aspen mixed in as well. A few sticks starting to become merchantable. Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's 1997:BLOCK I N.BRANCH KW MGT UNIT. BALD HILL FIRE. VARIABLE DENSITY. Y.O.E. 2029</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
15	J 6	U 1	35	67	8	70	45	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p> <p>comnts Fmd : J5/J6. Open areas in stand, jack pine varies in size and stocking. Some defoliation on the jp. Oak in stand is poor quality. Scheduled for entry in 2019. Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's 1997: BLOCK 1 N. BRANCH KW UNIT. WAIT TIL KW IS OUT OFBLOCK 1 BEFORE HARVESTING. Y.O.E. 2029.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
16	J 5	U 2	9	47	6	60	45	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : 2006: Several stems do not make a stick in stand. Stand is on a slight west facing slope. Scheduled to be cut in 2019 and planted for warbler habitat. Stand is coded as a stand condition 8 because it is part of a warbler management area. These areas are HCVA's 1997:BLOCK 5 N. BRANCH KW MGT UNIT. Y.O.E. 2019.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														

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					B	Tot. BA								
17	J 6	U 2	14	67	8	110	49	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p> <p>comnts Fmd : 2006: Aspen and tamarack found along edge of L-type. The bigger jack pine is found in the south. A couple of monarch red pine found in the stand. A drainage does run through the stand but the north part was dry during OI. Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's 1997: CUT WITH STAND 15.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
18	J 6	G 0	24	47	6	80	48	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : 2006: Old cabin very close to the line on east edge of stand in open area. Slightly rolling topo. Sawlog trees have fire scars. Look at in 10 with surrounding warbler area. Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
19	R 6	U 1	9	46	8	150	53	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : 2006: No logs in stand yet. Hold 10 and thin w/ adjacent stand. Looked like the rows took a turn or two so equipment may need guidance. Consider visual concerns while setting up the sale. 1997:SMALL SHORT NO LOGS. NOT A COMMERCIAL CUT YET.</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
20	J 6	U 1	11	67	8	70	45	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities</p> <p>comnts Fmd : Did not visit stand, did a drive by. Data was transferred from stand 15. Include in warbler management in 2019? Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's</p>														
21	J 3	G 0	15	7	1	0	51	jack pine	old growth (potential or actual)	N		50-59 years	0	
<p>comnts Fmd : Stand is coded as a stand condition 8 because is part of a warbler management area. These areas are HCVA's Cut in 1999 contract #002-99-01, Negotiated Visual block. Planted to jack pine</p> <p>Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
22	L 2	L 0	8			0		lowland brush	immature	N		not scheduled	0	
<p>comnts Fmd : MARSH IN SOUTH CENTER.</p>														

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					B	Tot. BA								
23	A 6	W 1	14	32	6	70	50	aspen (upland)	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Some stems still do not make a stick. Stand has an excellent component of down-woody debris. Over all stand health is poor.														
24	N 0	N 0	11			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : There is open water. There are also several lowland brush species present.														
25	N 0	N 0	12			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Did not visit stand in 2006. Looks very wet on the photos.														
26	J 3	G 0	26	7	1	0	51	jack pine	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : Some stump sprout oak present. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's Cut in 1999 contract #002-99-01, Negotiated Visual block. Planted to jack pine														
27	J 3	J 3	4	7	1	20	51	jack pine	two aged	N		50-59 years	0	
comnts Fmd : Looks like oak and some maple were left for visual during harvest. Stand was underplanted to jack pine. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's Cut in 1999 contract #002-99-01, Negotiated Visual block.														
28	J 6	J 1	12	60	8	70	53	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Threatened, endangered, and special concern species/communities														
comnts Fmd : Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's COUPLE ACRES OF SPRUCE SWAMP TO THE NORTH.														
29	J 4	G 0	15	32	4	10	45	jack pine	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : Fair oak component in stand, a couple pockets of aspen as well. Stand is patchy w/ several open areas. Tree are bushy from being open grown. Some scattered bigger red pine in stand. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's														
30	S 5	S 1	6	67	5	40	40	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : 2006: Did not visit stand														
31	J 3	G 0	8	32	3	0	39	jack pine	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : 2006: Stand is 20 - 30' tall. Very dense cover. Part of Bald Hill Fire?Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's														

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					B	Tot. BA								
32	J 2	O 2	29	6	1	0	49	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : 2006: J2/J3 This portion of the sale was not planted. Decent jack pine reproduction (especially in the landing area). Sale had them take all trees 5" and up. According to contract, 22 trees were left along Martindale road for visual. It looks as though this will develop into a nice mixed stand- there is a nice oak component and scattered red pine. The stand will be patchy w/ some open areas which is acceptable. Some deer browse evident in stand. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's 1997: Contract #042-99-01, East Martindale Block, cut in 2000. FTP W72-450 to plant around the natural jack pine and oak saplings if Wildlife does not want to wait 20 years to enter the rest of KW Block 5. Too small KW Management, Forest Mgt paid for plantinfg of Jack Pine in accordance of FTP W72-450 in 5/05</p>														
33	J 3	G 0	3	21	3	0	39	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : 2006: an island of JP, oak, and red pine regen left from the harvest. This was a nice pocket of regen that the equipment did not enter. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's</p>														
34	R 6	R 1	15	65	9	120	55	red pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : 2006: A thin strip left between the 2 cuts. Mostly red pine in the south, starts to become mixed in the north w/ jack pine, oak, aspen, maple, and scattered sawlog red pine. Stand creates a nice corridor. BLOCK 5 DOWN RIVER ROAD KW MGT UNIT.</p>														
35	S 6	S 1	3	71	8	130	50	black spruce-swamp	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : 2006: Stand is wet(areas of open water). It is part of a drainage that includes stand 10. Hunting activity evident in stand. Several other lowland species present in stand. Well to north has affected the water flow. 1997: LOWLAND WITH A MIXTURE OF SPECIES. BLOCK 5 DOWN RIVER ROAD KW MGT AREA.</p>														
36	J 3	G 0	15	32	3	0	48	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Bald Hill Fire? A very thick stand. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's BLOCK 5 DOWN RIVER ROAD KW MGT UNIT. Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
37	J 3	G 0	37	2	1	0	50	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : 2006: Stand was cut and 29 acres planted back to jack pine in 2005. (old comments) 2005: Contract #042-99-01, East Martindale Block, cut in 2000. FTP W72-450 will allow Wildlife to plant in KW Block 5 if they don't want to wait for 20 years until the proposed entry time for Block 5. Too small for KW, forest management paid for planting in 2005 in accordance to FTP W72-450 Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.</p>														
38	M 2	M 2	1	17	2	0	51	northern hardwood	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : CUT IN 1990 BUT NO ASPEN REPRO JUST RED MAPLE STUMP SPROUTS ON HILL NOTHING NORTH.</p>														

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39	S 5	S 1	3	67	5	40	40	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : 2006: Did not visit stand														
40	J 3	G 0	334	17	2	0	45	jack pine	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : JP is 10 -15' tall planted in the warbler weave. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's N BRANCH KW MGT UNIT.														
41	S 5	L 2	7	72	7	60	45	black spruce-swamp	old growth (potential or actual)	N		30-39 years	0	
comnts Fmd : The stand is thicker on the edges, it is more of a S4/S5 in the middle. Tons of alder in the open areas. A little bit of spruce regen. Tamarack in stand as well.														
42	J 6	U 1	40	62	8	70	45	jack pine	old growth (potential or actual)	Y	final harvest	within 0-9 years	2	planting
comnts Fmd : Final harvest w/ reserves. Stand has scattered pine in the understory. A lot of dead jack pine. Over all condition of the stand is poor. Some aspen found in the north. This stand contains two maintained wildlife openings. Leave small scattered islands for retention as well as a buffer along the SW edge of stand along McMasters Bridge road. There is a steep ridge there, best to keep equipment off. Watch for "natural river" restrictions in the NE of stand (ie buffers). Work with wildlife to ensure openings are not negatively impacted. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's. Warbler specs will apply. When we harvest stand 42, do not replant an area to connect existing openings of stands 402 and 401 and manage this more open area as pine barrens. Just concentrate planting along edge of stand for visual mgt along private lands. Wildlif will continue to manage and maintain grassy openings and surrounding these area we will convert to pine barrens.														
43	O 7	J 1	6	78	12	30	48	oak	old growth (potential or actual)	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : This stand provides vertical structure for surrounding area. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's														
44	Q 5	F 1	4	53	8	40	45	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Too wet Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : BIG CREEK ON THREE SIDES, PRIVATE ON THE EAST SIDE. NO LECAL PUBLIC ACCESS. STAND IS CODED AS A STAND CONDITION 8. BIG CREEK IS A HCVA "NATURAL RIVER".														
45	J 2	J 1	14	32	3	0	47	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : 2006: Open grown jack pine w/ scattered clumps of oak & random red pine and aspen. Several varieties of grasses present in stand. Good potential for pine barren species. Several grouse in stand 12/06. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's 1997: MORE G/J1 ON EAST END.														
Wld : Compt is a designated kirtland warbler mgt unit- mgt block 71 which is located in portions of section 21, 22, and 28 are scheduled for treatment or regeneration very near the end of this year of entry of 2009 or at the start of the next ten year cycle in 2019. So we may need to put this block up in 2017 to meet KW schedule. Make sure we plant shortly after harvest due to local controversy from nearby store re: clearcutting.														

* 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	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
46	T 4	T 2	7	71	6	30	40	tamarack	sparse	Y		40-49 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet Inadequate volume due to low stocking/small diameter/etc.</p> <p>comnts Fmd : Small isolated parcel that was reviewed for potential disposal during Summer 2007 Phase II review. Review has not been completed as of pre-review on 8/14/07. As of this date, the field had non-concurrence with FMFM and Parks stating dispose of to govt unit or ACO and fish and wildlife stating retain. The ecoteam ruled to dispose of to an ACO or governmental unit. Public comment needs to be completed and if we dispose of parcel, we need to find an agency wanting parcel. So it may be awhile before you see any transfer of ownership on this parcel, so maintain it as state ownership in our inventory for now. SJ Thiel</p>														
47	O 9	U 1	18	69	12	80	50	oak	immature	N	seed tree	within 0-9 years	2	
<p>comnts Fmd : 2006: Stand is declining, both jack pine and oak are starting to die. Poor regen, there is some scattered mixed pine and a fir here and there- understory is mostly cherry brush. The aspen is in pockets primarily along the SW edge of the stand. Would like to leave 10 -20 BA of oak, also leave some other species represented in the stand in small pockets for in-stand retention. If conditions allow, make the stand boundary about a chain inside stand 50 to try and create a feathered edge contrast. I would like to try and get natural regeneration. The management objective is oak but any combination of aspen, maple, red pine, jack pine, white pine, and fir with an oak component which meets minimum stocking requirments should be considered a success. Pockets of open and/or brushy areas are expected and acceptable. If natural regeneration fails, the stand will be planted to jack pine around any present regen. 1997:SOUTH HALF MORE AND BETTER OAK.</p>														
48	A 6	U 1	12	35	7	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Stand showing signs of decay. Some scattered misc sawlog species. Nice down/woody debris component. 1997: INCLUSIONS OF MATURE OAK AND ASPEN.</p>														
49	N 0	N 0	1			0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Open water, covered with grass</p>														
50	S 6	S 2	43	72	8	90	40	black spruce-swamp	immature	N		30-39 years	0	
<p>comnts Fmd : 99 contains mostly birch and black ash. Stand also has components of cedar, tamarack, white pine, and jack pine. Super canopy white pine scattered through out stand. Recent blow down. Stand has open water and less BA in the center.</p>														
51	O 6	R 1	47	80	10	80	49	oak	mature	Y	final harvest	within 0-9 years	3	
<p>comnts Fmd : 2006: The 5 -spot cuts were unsuccessful at regenerating oak. The patches have developed into u-types w/ scattered stump sprouts and some advanced pine regen that had been left. I recommend a final harvest w/ reserves. Leave scatterd small islands for retention. Put east stand line about 1 chain into stand 50 to create a more natural transition zone. Winter harvest only, Warbler specs will apply. Management objective is oak but, any mixture of aspen, maple, or pine with some component of oak should be considered a success. If regeneration fails the stand will be planted to jack pine around any regeneration. Stand contains Midland to Mackinaw Hiking Trail-watch visual mgt via retention islands and patches. == 2001: Nine patches were cut in 2001 under contract #043-99-01, Conners Marsh Oak Patches for a total of 16 acres. ==1997: Use the 5 spot group selection</p>														
52	J 6	U 1	17	65	8	90	49	jack pine	old growth (potential or actual)	Y	final harvest	within 0-9 years	2	planting
<p>comnts Fmd : Final harvest - no reserves. Species of stand are represented well by stand 151. This stand is small and I would like to maximize natural regen in order to create as diverse of a stand as possible. There is an aspen clone in the south east which should expand with harvest and some oak stump sprouts are expected. Watch warbler specs. Warch for green up issues for adj sale. This area is critical warbler habitat and is part of the Warbler Management Plan. These areas are coded as stand condition 8 and are designatd HCVA's. Except any natural regen -a poor to medium stocked pine barren type stand is expected.</p> <p>Wld :</p>														
53	U 2	J 1	8	17	2	0	52	upland brush	immature	N		10-19 years	0	
<p>comnts Fmd : 2006: Stand is mostly cherry w/ scattered jack, white, and red pine. An oak here and there. A few small aspen clones present as well. 1997: JACK PINE CUT IN 1990.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
54	J 1	O 2	2	6	1	0	49	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : 2006: This portion of the sale was not planted. Stand is coded as a stand condition 8 because is is part of a warbler management area. These areas are HCVA's 1997: Contract #042-99-01, East Martindale Block, cut in 2000. FTP W72-450 to plant around the natural jack pine and oak saplings if Wildlife does not want to wait 20 years to enter the rest of KW Block 5. Too small KW Management, Forest Mgt paid for plantinfg of Jack Pine in accordance of FTP W72-450 in 5/05</p>														
55	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : North Branch AuSable River</p>														
100	L 0	L 0	1			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : L type with cat tails and tag alder. Keep harvest operations out. SI estimated. Kirtlands Warbler management area HCVA</p>														
148	A 6	U 1	2	35	7	70	55	aspen (upland)	immature	N	final harvest	within 0-9 years	2	
<p>comnts Fmd : Use this stand to access stand 47. Cut into stand 50 S6 std about a chain to creat a more natural transition zone. INCLUSIONS OF MATURE OAK AND ASPEN.</p>														
151	O 6	R 1	28	80	10	80	49	oak	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : 2006: The 5 -spot cuts were unsuccessful at regenerating oak. The patches have developed into u-types w/ scattered stump sprouts and some advanced pine regen that had been left. Leave this stand for vertical structure and as a mast source. 2001: Nine patches were cut in 2001 under contract #043-99-01, Conners Marsh Oak Patches for a total of 16 acres. 1997: Use the 5 spot group selection</p>														
400	G 0	G 0	9			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Maintained wildlife opening. PLANTED TO RYE NOW.</p>														
401	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Maintained wildlife opening. PLANTED TO RYE NOW. Trees were originally removed for a "big tree" river restoration project (2002-2003). Copy of FTP found in reference compartment folder.</p>														
402	G 0	G 0	3			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Maintained wildlife opening. PLANTED TO RYE NOW. Trees were originally removed for a "big tree" river restoration project (2002-2003). Copy of FTP found in reference compartment folder.</p>														
403	G 0	G 0	1			0	47	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Abandoned well? Cover type is mostly</p>														
404	G 0	G 0	5			0	47	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Well = Lovell's 1-28, Maintained by Quicksilver Resources. Well pad looks like an abandoned gravel parking lot. Poor ground cover. Site contains 1 small building and a pump head.</p>														
405	G 0	G 0	3			0	47	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Well = Lovell's 2-28, Maintained by Quicksilver Resources. Well pad looks like an abandoned gravel parking lot. Poor ground cover. Site contains 1 small building and a pump head. Looks like well pad may have affected a water drainage.</p>														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 282 Entry Year: 2009

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S t a n d	Cover Type- Size 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								
406	G 0	G 0	5			0	47	grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2006: Jack pine starting to establish in stand. 1997: AUSABLE CCC CAMP 681. CEMENT PADS ARE STILL THERE.														
407	G 0	G 0	3			0	47	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Open area north of transfer station														
408	G 0	G 0	3			0	47	grass	nonstocked	N		20-29 years	0	
comnts Fmd : OLD DUMP. Ground cover is mostly sweetfern and spotted knapp weed.														
409	G 0	G 0	2			0	56	grass	nonstocked	N		not scheduled	0	
comnts Fmd : POWERLINE ROW. WEST STRIP JUST GRASS.														
Total Acres.....			1716											