

* 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. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	J3	J3	11	5	0	0	43	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : Cut in 1998 under #720169801 with stand 1 in adjacent compt 233. Slash reduction burn under C72-416 (2001?). Trenched and planted to JP in 2002. Good oak stump sprouts scattered throughout. Stand has ~1 acre inclusion along the N edge: a 2-chain wide strip of mixed oak saw & poles, with an area of fire-killed oak. Used previous SI & ground cover. Previous comments: "Treat stand with stand 1 of comp 233 1998 YOE. MNFI is checking on rare butterfly occurrence."</p>														
2	O2	O2	9	7	0	0	54	oak	immature	N		60-69 years	0	
<p>comnts Fmd : All merchantable stems cut in 2000 under #720229901 Millikin Access Block. Permission was gained from Millikin's to access across their gravel pit property for that harvest. Borders the I-75 corridor. Good oak stump sprouts above the browse line. O2 on ave but with lower stocking to the N. Few scattered pine saps. Used previous ground cover code. Used former stand 3's SI - it was adjacent on similar ground.</p>														
4	O7	A2	27	89	13	30	57	oak	sparse	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : Was shelterwood-seed cut, leaving all oak >8" DBH, in 2000 under #720229901, Millikin Access Block. Permission was gained from Millikin's to access across their gravel pit property for that harvest. Borders the I-75 corridor. There is a minor amount of epicormic branching on some of the small oak saw. Below is variable stocking in BTA, RM & RO sprout regen. A2 is an ave/composite of the 3 species. Some of the oak stump sprouts show browse damage, but a majority of them are doing well. The overstory is open enough so as not to seriously suppress the regen. Incorporated former stand 3 into this stand. Stand 3 was on the flats and had the same treatment as stand 4, which is on rolling terrain. Used previous stand 4's SI.</p>														
5	J5	J1	37	64	7	70	49	jack pine	two aged	Y	final harvest	within 0-9 years	3	natural regeneration
<p>comnts Fmd : Low volume, poor quality over-mature JP saw component that is senescing, ~60 year old mature poles, and younger smaller poles and large saps. Scattered throughout are also poor-form and quality NPO cull saw and poles, few BTA to the south and a mix of size classes of RP also in the S1/2. O/J 1 in scraggly small oak saplings and seedlings, suppressed JP small saps, but also near-merchantable JP large saps. The stand is basically a multiple-age mix of pine and oak with over- and under-mature components. J1 is a composite of the oak and JP regen. The stand is nearly a mile long, and narrow, paralleling the railroad tracks. Harvest all merchantable JP, oak and aspen. Retain the younger, healthy RP component and protect the existing regen. The goal is to secure a mix of natural regen, although this may take longer than the certification standard of 5 years. These stands on poorer soils that regenerated naturally without a stand-replacement level fire typically took decades to fill in to a fully-stocked condition. Dropped extremely low SI as not representative (SI 34), and used second SI (49) that was more in line with the previous SI of 48.</p>														
6	O3	O3	4	37	3	0	54	oak	immature	N		30-39 years	0	
<p>comnts Fmd : 15-30' tall oak saplings, some near-merchantable. RM stump clumps are ~ merchantable. Oak saw trees are scattered throughout. The cut most likely occurred before the state aquired the property through tax reversion in 1932. The cleared area with scattered individual trees is visible on the 1938 photos and appears to have been used for a homestead or for agricultural purposes. Cut an oak sapling, was 37 years old, but used the encompassing stand 7's SI. Old comments: "OPEN STAND WITH SPOTS OF OAK AND RED MAPLE."</p>														
7	O6	M1	84	76	8	70	54	oak	mature	N	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Was thinned in 2002, all aspen, RM & marked oak, under #720419901. Stand has large pole/small saw hybridized RO and large pole suppressed WO, with an understory of scattered RM stump sprout clumps and some aspen sprouts. Most of the oak stump sprouts have been impacted by browsing. The stand occupies a series of ridges that have some steeper sides. The previous SI was 58. Per Pre-Review discussion: if the area is not disposed of under the industrial park MOU, final harvest now, given the oak's age, applying standard retention specs.</p>														
8	O6	U1	6	76	8	90	46	oak	low quality	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : On shallow ridge: shorter hybridized RO saw with wide contorted crowns, but mostly short gnarly poor-quality RO poles. More to W1/2: also very overmature BTA singly and in clumps of a few trees. To the E1/2: RP seeding in. Final harvest to regenerate the oak and aspen through sprouting. Leave the RP & WP and WO. Create an ISR island, consider extending it from the stand's N center edge, down at a SE'ly angle, and cross into stand 9. Treat at the same time as stand 9. A mix of oak, aspen & pine regen is the long-term goal. Previous comments: "OPEN STAND WITH SCATTERED OAK."</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	B								
9	O 8	M 2	38	74	13	70	58	oak	mature	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Fair-decent quality hybridized RO, generally suppressed WO poles, with 20-30' tall RM stump sprouts and BTA sprouts. M2 is a composite of the RM & aspen regen. PARVHa. Was thinned in '90-91 under #720348901, cutting all marked oak, and other species 2" and up. Remove the overstory in order to regenerate the oak through sprouting before the 16 year old aspen & RM regen begins to close over. Leave the WO. Consider requiring the contractor to mow down the current RM saps during harvesting. For ISR: leave islands, such as 5, 1-ac islands. Treat at the same time as stand 8 and connect the north retention island with stand 8's retention island. Previous SI was 70.</p>														
10	M 3	O 1	13	16	2	0	60	northern hardwood	immature	N		40-49 years	0	
<p>comnts Fmd : Cut in '90-'91 under #720348901. 15-25' RM stump clumps, with NPO stump clumps and aspen suckers. Inclusions of O3 and A3, but on average, RM dominates. Used previous SI and ground cover.</p>														
11	A 3	A 3	34	16	2	0	70	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Cut in '90-'91 under #720348901. 15-30' BTA, with RM & NPO stump clumps scattered and in inclusions. Used previous ground cover and SI.</p>														
15	O 5	O 1	8	85	8	60	42	oak	low quality	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Other Dept./Div. procedures or practices (describe in comment)</p>														
<p>comnts Fmd : Spindly NPO & WO poles with small diameter oak saw, JP & RP of all size classes mixed in. Lower end PARVHa. Previous comments indicate: "MANAGE STAND WITH COMPARTMENT 222", but that note was not cross-referenced in compt 222's adjacent stands' comments, so the sale has been set up and sold already without including this stand. The adjacent stand 116 to the north was recently final harvested, and the sale to the south in compt 222 will be final harvested also, so for green-up considerations, leave this YOE. Used former stand 14's SI (stand 14 was combined with this stand after both lost acres to stand 16). See locked comments.</p>														
16	M 2	M 2	37	4	0	0	60	northern hardwood	immature	N		50-59 years	0	
<p>comnts Fmd : All merchantable stems were cut in 2003 under 720580101. While the stand has oak stump sprouts scattered throughout and patches of aspen regen, RM stump sprouts are the most common regen. Residual from the harvest (lg. sap/sm. pole RP, WP, oak & RM) are scattered throughout the stand. Stand 116 was in the same harvest but was split off since there is more oak in that area. The harvest's NE portion went to aspen, so it was lumped with stand 19. Used stand 10's SI. Previous comments: "Cut 1.5 to 2.0 acre patches, but only within that part of the stand which is on the ridges. Prescription changed to final harvest."</p>														
17	O 9	U 1	36	73	12	80	56	oak	mature	N		10-19 years	0	
<p>comnts Fmd : Long, narrow stand, mostly on the flats, with poor-quality short scrubby NPO & WO in the N, grading slightly uphill into better-quality hybridized RO to the south. Along the edge near stand 19 there were scattered very overmature BTA, some nice RO, but also NPO. There is little oak regen except at the N end. Averaged age & SI between 2 cored trees, one from the stand's N and one from the S. Previous SI was on RP.</p>														
18	X 0	X 0	6			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Railroad grade corridor with grass-covered ditches.</p>														
19	A 3	M 1	47	4	1	0	65	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : 5-15' BTA in A0-A3. Averages to A3 when the RM stump sprouts are included. Oak stump sprouts are in the minority, and there is more RM regen to the south. Was cut in 2002-2003 under 720419901, all stems 2" & up. Approximately 10 acres in the stand's SE were cut in 2003 under 720580101, taking all merchantable stems. This area regenerated largely to aspen, so it was split off of stand 16 and included with this stand's A-type. Used previous SI.</p>														
20	O 6	U 1	4	76	8	110	48	oak	low quality	N		10-19 years	0	
<p>comnts Fmd : Small stand adjacent to municipal waste water spray fields (lots of deer use). Very poor quality NPO quietly breaking up. All age/size classes of JP mixed in. Used previous SI.</p>														

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					D	Tot. BA								
22	O 6	O 1	22	85	9	80	47	oak	low quality	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Higher ground island of oak surrounded by outwash plain JP (stand 23). Dying back NPO, with poor form/health BTA in scattered small clones, WO saw growing very slowly (SI 34) but holding up better than the NPO and seeding in regen, and JP represented by a variety of size/age classes, including pockets of lg. poles/sm. saw. O1 understory is a composite of all regen. Kept the previous NPO SI since my SI on the WO wasn't representative. Final harvest with reserves: cut all merchantable JP, NPO, RM and aspen. Leave all WO for additional seed. The goal is to regenerate the NPO and aspen before they senesce out of the stand. A mix of pine, oak and aspen is expected. Treat at the same time as stand 25. Given this stand's relatively small acreage, its high amount of edge relative to its area, and the NPO's declining condition, I would prefer to not increase the amount of ISR beyond leaving the WO.</p>														
23	J 5	O 1	107	59	7	70	45	jack pine	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : 2+ aged JP stand with a minor overmature saw component that is dying out, scattered scraggly NPO, and a majority in 2-3 stick JP poles over large sap/just merchantable JP, and oak seedlings/saplings in O0-O2. The stand has over- & under-mature components. Hold this YOE since stands 22 & 25 and the adjacent compartment 233's stand 21 will be final harvested. SI averaged between this and the previous inventory. Previous comments: "STAND IS ALONG BARKER LAKE ROAD. Two aged stand, 3-5 inch and 7-9 inch DBH. Include that portion of the stand that is east of Barker Lake Road to cut with Compartment 233, stand 21 to the east. Leave red pine and oak along Barker Lake Road along a three chain wide strip for visual concerns. This portion of the stand has been given a new stand number, #26. 09/08/2006 mm"</p>														
24	J 2	J 2	16	17	2	0	37	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : All merchantable stems were cut in 1990 under #720478901. JP saplings (J0-J3), with low-density 1-stick JP that was residual from the 1990 cut. There are pockets of J4/J5, but the merchantable stems are generally scattered and the stand is characterized by its regen. Good oak stump sprouts 10-15' tall along with smaller individual oak seedlings/saplings. Used previous SI.</p>														
25	O 9	O 1	7	76	11	80	48	oak	low quality	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Small stand on higher ground than the surrounding JP stand 23. Poor-quality breaking up NPO, better health WO, a mix of size-classes of JP & RP poles, over oak seedlings & saplings (O1 achieved by combining the oak and JP regen). Small RM component in the stand. Final harvest with reserves: Cut all merchantable JP, NPO & RM. Leave all WO for additional seed. The goal is to regenerate the NPO before it senesces out of the stand. A mix of pine & oak is expected. Treat at the same time as stand 22. Given this stand's relatively small acreage, its high amount of edge relative to its area, and the NPO's declining condition, I would prefer to not increase the amount of ISR beyond leaving the WO.</p>														
26	J 5	O 1	4	59	7	70	45	jack pine	two aged	Y	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : 2+ aged JP stand with a minor overmature saw component that is dying out, scattered scraggly NPO, and a majority in 2-4 stick JP poles over large sap/just merchantable JP, and oak seedlings/saplings in O0-O2. The stand has over- & under-mature components. SI averaged between this and the previous inventory. Previous comments: "STAND IS ALONG BARKER LAKE ROAD. Two aged stand, 3-5 inch and 7-9 inch DBH. Include that portion of the stand that is east of Barker Lake Road to cut with Compartment 233, stand 21 to the east. Leave red pine and oak along Barker Lake Road along a three chain wide strip for visual concerns. This portion of the stand has been given a new stand number, #26. This was part of stand 23. Replant to jack pine those areas that do not regenerate naturally to oak and jack pine. 09/08/2006 mm"</p>														
110	O 3	J 1	17	16	2	0	42	oak	immature	N		40-49 years	0	
<p>comnts Fmd : Cut in '90-'91 under #720348901. Nice oak stump sprouts & saps 5-20' tall, with RM, JP & BTA saps mixed in. Oak predominates, but the 3 in O3 is a composite of all the species' regen. Used previous ground cover. Used adjacent stand 15's SI.</p>														
116	O 2	M 1	21	4	0	0	58	oak	immature	N		50-59 years	0	
<p>comnts Fmd : All merchantable stems were cut in 2003 under 720580101. 01-03 in mostly stump sprouts, but some seed-origin oak saps, with numerous RM stump sprouts and scattered residual from the harvest (lg. sap/sm. pole RP, WP, oak & RM). O2 average is a composite of all regen. There is denser oak regen to the stand's S & W. Used previous SI. Previous comments: "Cut 1.5 to 2.0 acre patches, but only within that part of the stand which is on the ridges. Prescription changed to final harvest."</p>														

Total Acres..... 595