

* 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	E 6	E 2	15	68	8	80	60	swamp hardwoods	mature	N		not scheduled	0	
<p>comnts Fmd : The stand needs to be harvested. The ground could be classified as either upland or lowland. There are definite knolls present in the stand as well as swales. Overall, the stand was called an E-Type. Harvest the stand as a final harvest retaining 3%. The retention should be left along the lowland brush types along the east edge and the wet area along the trail through the stand. The stand is expected to regenerate as a mix stand of maple oak and aspen if not interplant red pine. The main soil type is Kingsville.</p>														
2	L 0	L 0	4			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : The stand is a lowland brush type with some swamp hardwood. The tag alder in the stand is over marsh grass.</p>														
3	A 3	A 3	35	23	3	0	70	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : The stand is a thick A3 that is a mix of bigtooth and trembling aspen. There is also a component of oak, maple, and paper birch. There area does have low wet ground that is heavier to red maple and paper birch. Currently the stand is going through a natural thinning. It is expected that in 10 years the area will be a well-stocked pole stand. The ground is fairly level throughout the stand except near stand 2 where it gets hummocky.</p>														
4	V 0	V 0	3			0		bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This area is a leather leaf bog with the edges having thick tag alder. There trees in the stand are widely scattered and are a mixture of oak, maple, white pine and paper birch.</p>														
5	E 6	E 2	7	76	8	80	60	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd : The ground in the stand is hummocky with a lot of standing water.</p>														
6	V 0	V 0	13			0		bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : The area is a leather leaf bog with pocket of brush scattered in the stand as well as some white pine, red maple, and paper birch.</p>														
7	A 6	O 2	19	76	10	80	69	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : The stand has inclusions of low wet ground. The area was set up to be harvested last YOE but was not cut. The stand needs to be cut to maintain the aspen in the stand; if it is not cut this YOE, the aspen will be lost. This is because of low tree vigor. Therefore, if the stand is harvested cut it during the dormancy period. When harvesting the stand mark some oak and pine to retain for retention but do not retain more than 5% of the BA. If the sale cannot be harvest commercially habitat cut. The north east coner of the stand is down of a ridge and it is wetter. This area also needs to be harvested but rutting could be a problem. The stand is expected to regenerate as a mixed stand of aspen, oak and pine, if it does not regenerate interplant jack pine. The main soil type is Covert.</p>														
8	L 0	L 0	10			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This stand is an emergent marsh with areas of open water. The edges of the area are heavy to tag alder.</p>														
9	O 6	M 2	3	78	11	100	70	oak	immature	N		10-19 years	0	
<p>comnts Fmd : This stand is mainly a buffer along Sturgeon Creek with a small stand at the southern end. The main soil is Belleville.</p>														
10	A 8	E 3	9	78	10	60	70	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : CLEARCUT- NO ACCESS TO STAND. The W1/2 NE and the SENW of section 19 are recommend for disposal.</p>														
11	A 9	E 2	62	78	12	90	70	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : CLEARCUT- NO ACCESS TO STAND. The W1/2 NE and the SENW of section 19 are recommend for disposal.</p>														

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					B	Tot. BA								
12	L 0	L 0	9			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The W1/2 NE and the SENW of section 19 are recommend for disposal.														
13	E 5	E 3	12	43	6	60	60	swamp hardwoods	immature	N		30-39 years	0	
comnts Fmd : The W1/2 NE and the SENW of section 19 are recommend for disposal.														
14	L 0	L 0	19			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The W1/2 NE and the SENW of section 19 are recommend for disposal.														
15	E 6	E 3	4	78	6	70	65	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : This stand was not harvested when stand 115 was habitat cut. It is in a depression and has some standing water in it. The trees are heavy to swamp hardwood and oak. There is some aspen in the area but much is way over mature and has very low vigor. Therefore, let the stand become full a swamp hardwoods stand. The main soil type is Kingsville.														
16	E 5	E 3	39	73	8	40	65	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : The stand is low and wet overall, and it is in a depression between ridges. The area wraps around stand 40 that is a little lower than stand 16. Within the stand boundaries, the ground is a matrix of low ridges and shallow swales. There are also inclusion in the stand of lowland brush and oak knobs. The main soil type is Pipestone.														
18	N 0	N 0	33			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is the flood plain of Sturgeon Creek. It is a matrix of swamp hardwoods pockets; and areas of tag alder and marsh. The area has had intermittent beaver activity so the amount of water versus other cover types is variable.														
20	O 6	M 2	39	60	10	90	60	oak	immature	N	seed tree	within 0-9 years	3	natural regeneration
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle														
comnts Fmd : The stand is dry for the most part except along stand 121. The species composition has more oak and aspen in it along Sturgeon Creek and goes to more maple along stand 121. Along the eastern, side of the stand has numerous draws that drain into the creek. The stand is land locked between Sturgeon Creek, Dittmer Drain, and private land. The area could be harvested if access could be gained. If harvested clearcut the stand retaining 10-20 BA and a buffer along the creek of about 50 feet. Along the drain, leave a buffer of 25 feet that should take it to the base of the spoil piles. If harvested it is expected to regenerate to a mix of aspen, oak and maple. The main soil type is Covert.														
21	E 6	E 2	24	60	9	80	55	swamp hardwoods	immature	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle														
comnts Fmd : The stand is wet but it is not much lower than stand 22. The area has a lot of standing water and the ground cover is heavy to brush mainly tag alder with some Michigan holly. There are inclusions of lowland brush in the stand as well as slight knoll of oak. The main soil is Kinross.														
22	O 6	O 2	17	80	9	80	70	oak	two aged	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle														
comnts Fmd : The stand is mainly a slight ridge that has some very hummocky ground along the edges. The stand is sparse in areas. There are also areas that are thick, but they are mainly oak poles.														
23	N 0	N 0	6			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is the flood plain of Sturgeon Creek. It is a matrix of swamp hardwoods pockets; and areas of tag alder and marsh. The area has had intermittent beaver activity so the amount of water versus other cover types is variable.														

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24	V 0	V 0	3			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is a leather leaf bog. The area has inclusions of lowland brush and marsh grass. The main soil under the stand is Kinross.														
25	L 0	L 0	13			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is mainly lowland shrub with some leather leaf. The soil under the stand is Kinross.														
26	O 5	O 2	24	86	10	40	65	oak	mature	N		60-69 years	0	
comnts Fmd : The stand is hummocky and has a high percentage of oak mortality. In addition, many of the dead oak are being harvested by private landowners to the west and north of the stand. There are numerous cut stumps present in the area. Between the timber theft and the oak mortality, the stand has taken on the characteristic of a shelterwood harvest and it is regenerating well. So leave the stand alone and let it proceed naturally. The main soil under that stand is Covert.														
27	L 0	L 0	8			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is in a depression and it is mainly a lowland brush stand. There are some overstory swamp hardwoods present. Most of these trees are along the edges of the stand, but they become widely scattered through out rest of the area. The main soil under the stand is Kinross.														
28	V 0	V 0	54			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : This area is a large leather leaf bog that has inclusion of marsh grass. There are some trees present, which are mainly scattered paper birch, red maple and white pine. The main soil under the stand is Kinross														
29	L 0	L 0	5			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is in a depression. The area has an E3 along the edges that quickly thins out to lowland brush. The main soil under the stand is Kinross.														
30	O 3	O 3	87	5	1	20	70	oak	immature	N		60-69 years	0	
Treatment Limiting Factors: Delayed treatment for age/size class diversity														
comnts Fmd : This stand was harvested as a shelterwood harvest in 2002. The regeneration in the stand is good and is overall an O3. The stand also has a component of white pine much of which is being weeviled. The red pine in the stand is doing much better. Because of the age of the overstory and its health, the regeneration should be made the featured stand.														
31	L 0	L 0	3			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is in a depression that has some paper birch, swamp white oak, and black tupelo present. The densities of the trees are not high enough to call it a poorly stocked swamp hardwood site so it is classified as a lowland brush type. The main soil type under the stand is Kinross.														
32	L 0	L 0	25			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : This stand is mainly tag alder with some widely scattered paper birch, red maple and swamp white oak. The east end of the stand is heavier to swamp hardwoods and has areas that have density as high as an E2/L. However, the stand as a whole is a lowland brush type. The main soil type under the stand is Kinross.														
33	L 0	L 0	25			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The ground is low wet and hummocky. The main ground covers are Michigan holly, tag alder, dogwood and marsh grass. There are some overstory swamp hardwoods in the stand, which are mainly ash and red maple. Most of the trees have a diameter of = 4". Also in the stand, there is a 1-acre patch of natural red pine. These trees have a diameter range of 4-20 inches. The main soil type under the stand is Kinross.														
34	O 9	E 3	12	74	15	70	60	oak	immature	N		10-19 years	0	
comnts Fmd : The stand is along the base of stand 30, which is an oak ridge. The ground in the stand is hummocky with areas of standing water. The white oak in the stand is swamp white oak. The ground cover in the area is a mix of shrub and sensitive fern so the area is quite wet. The main soil type under the stand is Belleville														

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					B	Tot. BA								
35	X0	X0	2			0		other non-stocked or non-forest or non-productive	nonstocked	N		10-19 years	0	
comnts Fmd : This area is a RDR problem; it is being heavily damaged by 4X4 truck and quads.														
36	O9	O2	4	100	24	70	70	oak	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : This stand is a pocket of dry oak. The oak in the stand is mainly black and pin oak but there is some red, white and swamp white oak present. The main soil under the stand is Covert. The stand is expected to regenerate to a mixture of oak and maple, if not interplant red pine.														
37	O8	O3	15	100	10	40	75	oak	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : The stand has a high percentage of oak mortality with a lot of down trees present. The area also has inclusions of low wet ground. Because of the amount of mortality and down trees, the stand now has the characteristics of a shelterwood and it is regenerating well. The regeneration is mainly oak and red maple. So leave the stand to proceed naturally. To harvest the stand would do more damage to the advance regeneration that the overstory worth. The quality of the oak is very low. The stand also has an inclusion of about 15 white pine sawlogs. The main soils under the stand are Pipestone and Kingsville.														
38	O2	O2	6	5	1	20	65	oak	immature	N		50-59 years	0	
comnts Fmd : The stand has some overstory with a nice O2/O3 understory of mainly black and pine oaks with some red and white oak also present. Because of the low volume in the overstory and the amount of good advance oak regeneration, the understory should be the featured cover type.														
39	L0	L0	30			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is a tag alder marsh. The tag alder in the stand is about 2-3 feet tall and is mixed with marsh grass and leather leaf. The main soil type under the stand is Kinross.														
40	L0	L0	25			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is in a depression that is made up of mainly tag alder. The area has a fair amount of swamp hardwood sapling and small poles along the edges of the stand, but these thin out going into the area. The main soil type under the stand is Kinross.														
42	E9	E2	64	76	12	90	69	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : The stand is slightly undulating with slight ridges and knoll as well as shallow hummocky swales. The east side of the stand is wetter than the west side. The main soils are a mix of Covert and Kingsville.														
43	O5	O3	10	43	8	60	65	oak	immature	N		30-39 years	0	
comnts Fmd : SOIL COVERT The W1/2 NE and the SENW of section 19 are recommend for disposal.														
45	L0	L0	3			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is an area of tag alder with some swamp hardwood scattered in it. The main soil type is Pipestone.														
46	N0	N0	1			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : STURGEON CREEK FLOODING PLAIN														
47	L0	L0	2			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : The stand is mainly lowland shrub with some leather leaf. The soil under the stand is Kinross.														
48	O6	M2	10	78	11	100	70	oak	immature	N		10-19 years	0	
comnts Fmd : This stand is mainly a buffer along Sturgeon Creek with a small stand at the southern end. The main soil is Belleville.														

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Stand	Cover Type-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								
49	E 6	E 3	2	78	6	70	65	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd : This stand was not harvested when stand 115 was habitat cut. It is in a depression and has some standing water in it. The trees are heavy to swamp hardwood and oak. There is some aspen in the area but much is way over mature and has very low vigor. Therefore, let the stand become full a swamp hardwoods stand. The main soil type is Kingsville.</p>														
50	E 6	E 3	4	78	6	70	65	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd : This stand was not harvested when stand 115 was habitat cut. It is in a depression and has some standing water in it. The trees are heavy to swamp hardwood and oak. There is some aspen in the area but much is way over mature and has very low vigor. Therefore, let the stand become full a swamp hardwoods stand. The main soil type is Kingsville.</p>														
51	W 4	O 2	4	52	8	20	60	white pine	immature	N		20-29 years	0	
<p>comnts Fmd : The stand has pockets of trees mixed with grassy openings. The overstory stocking is sparse and is mainly a mix of red and white pine. The pine is mixed with some oak, maple and aspen. The main soil type is Covert.</p>														
105	E 6	E 2	8	76	9	100	65	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd : The stand is in a slight depression that has extensive areas of standing water, but the water is shallow so it probably dries out late summer. There are also slight knolls that have a high percentage of aspen. The aspen in the stand has a low percentage of soundness.</p>														
107	A 3	A 3	61	16	3	0	70	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : The stand has regenerated as an aspen stand mixed with red maple, oak and paper birch. The aspen in the stand is a mix of bigtooth and trembling aspen. Trembling aspen is more common in the northeast part of the stand and bigtooth in the western part of the stand. Paper birch is a significant component in the stand were it is wetter and along the main trail. Some of the wetter areas have only a level 2 stocking. Overall, the stand is a matrix of upland and lowland with upland being the majority. The main soil types are Covert and Pipestone.</p>														
115	A 3	A 3	21	6	1	0	70	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : The stand was habitat cut in 2002. The area has regenerated as an A3. There is a mix of species, trembling and bigtooth aspen; red maple, and black oak. The maple and oak increases going toward Sturgeon Creek. There is a sparse area right behind the subdivision. Because it was a habitat cut there is a lot of wood on the ground. This is rotting down well.</p>														
116	O 6	O 2	81	75	11	70	60	oak	mature	N	shelterwood-seed	within 0-9 years	1	natural regeneration
<p>comnts Fmd : The stand is a matrix of ridges and swales especially in the south end of the stand. Because of this, there are some very wet areas included in the stand as well as some drainages. The area was harvest in 1993 in which all the oak, pine and trees were retained. Now harvest the stand as a seed tree harvest retaining 10-20 BA of mainly oak. Also, retain some pine and other species for diversity. Because of the terrain, the stand will have to be harvest in dry or frozen condition to protect the soil. Lastly, try to set up the sale to minimize damage to advance regeneration.</p>														
121	L 0	L 0	13	80		0	38	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This area is a little lower than the surrounding stands; as a result, it is a tag alder stand. There are some swamp hardwoods but they are scattered.</p>														
132	L 0	L 0	11			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This stand is mainly tag alder with some widely scattered paper birch, red maple and swamp white oak. Both the west and east ends of the stand is heavier to swamp hardwoods. However, the stand as a whole is a lowland brush type. The main soil type under the stand is Kinross.</p>														
138	O 2	O 2	8	10	1	0	75	oak	immature	N		50-59 years	0	
<p>comnts Fmd : The stand was burned in 1998 and it was harvest in 1993. The stand is mainly a regenerating oak stand without an overstory.</p>														
207	E 6	E 2	7	76	9	100	65	swamp hardwoods	immature	N		10-19 years	0	
<p>comnts Fmd : The stand is in a slight depression that has extensive areas of standing water, but the water is shallow so it probably dries out late summer. There are also slight knolls that have a high percentage of aspen. The aspen in the stand has a low percentage of soundness.</p>														

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402	G 0	G 0	30			0		grass	nonstocked	N		not scheduled	0	

comnts Fmd : This stand is mainly and wet meadow of grasses and sedges mixed with some tag alder and leather leaf. . The main soil type under the stand is Kinross.

Total Acres..... 1063