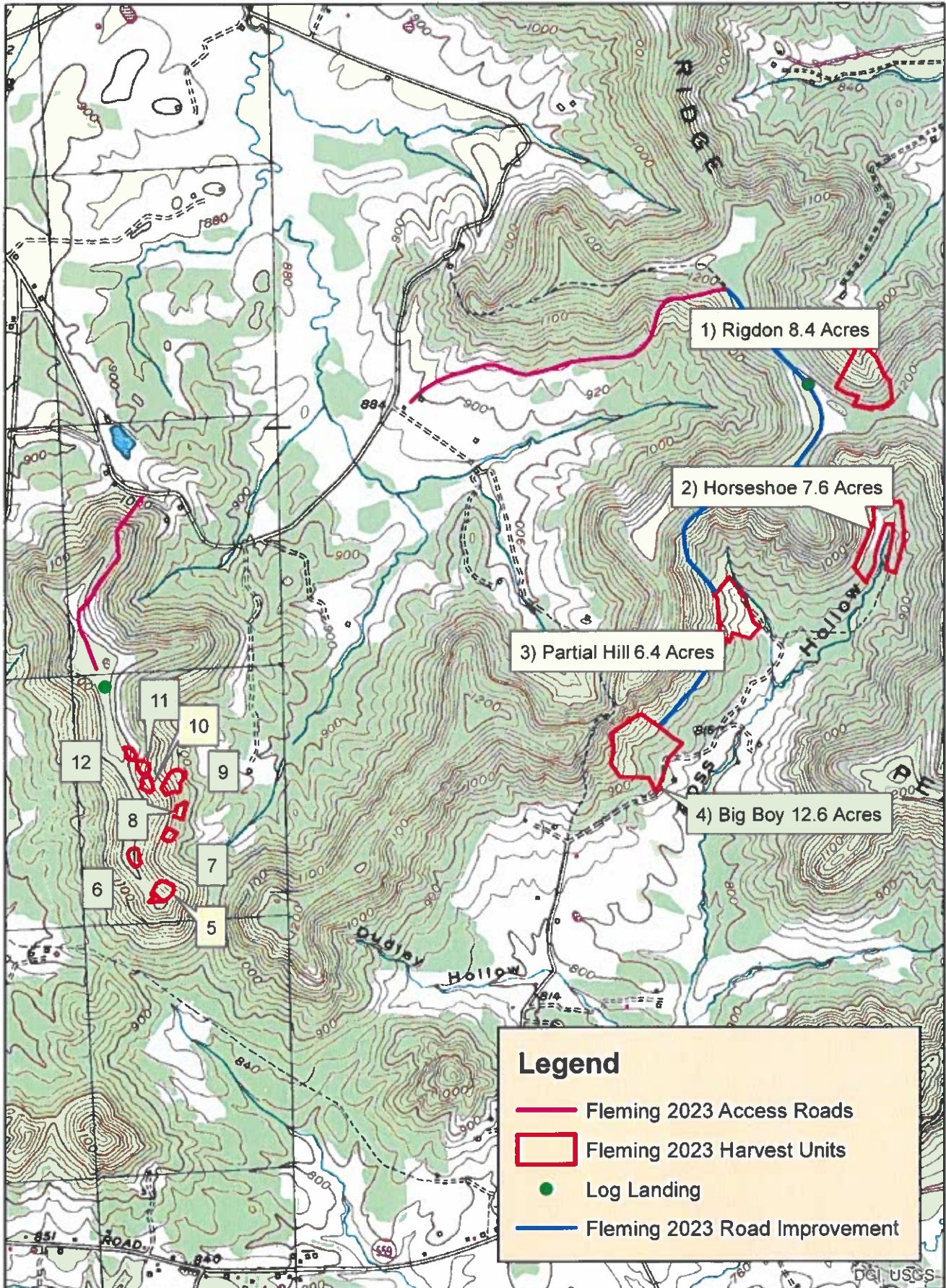





# Fleming 2023 Overview Map

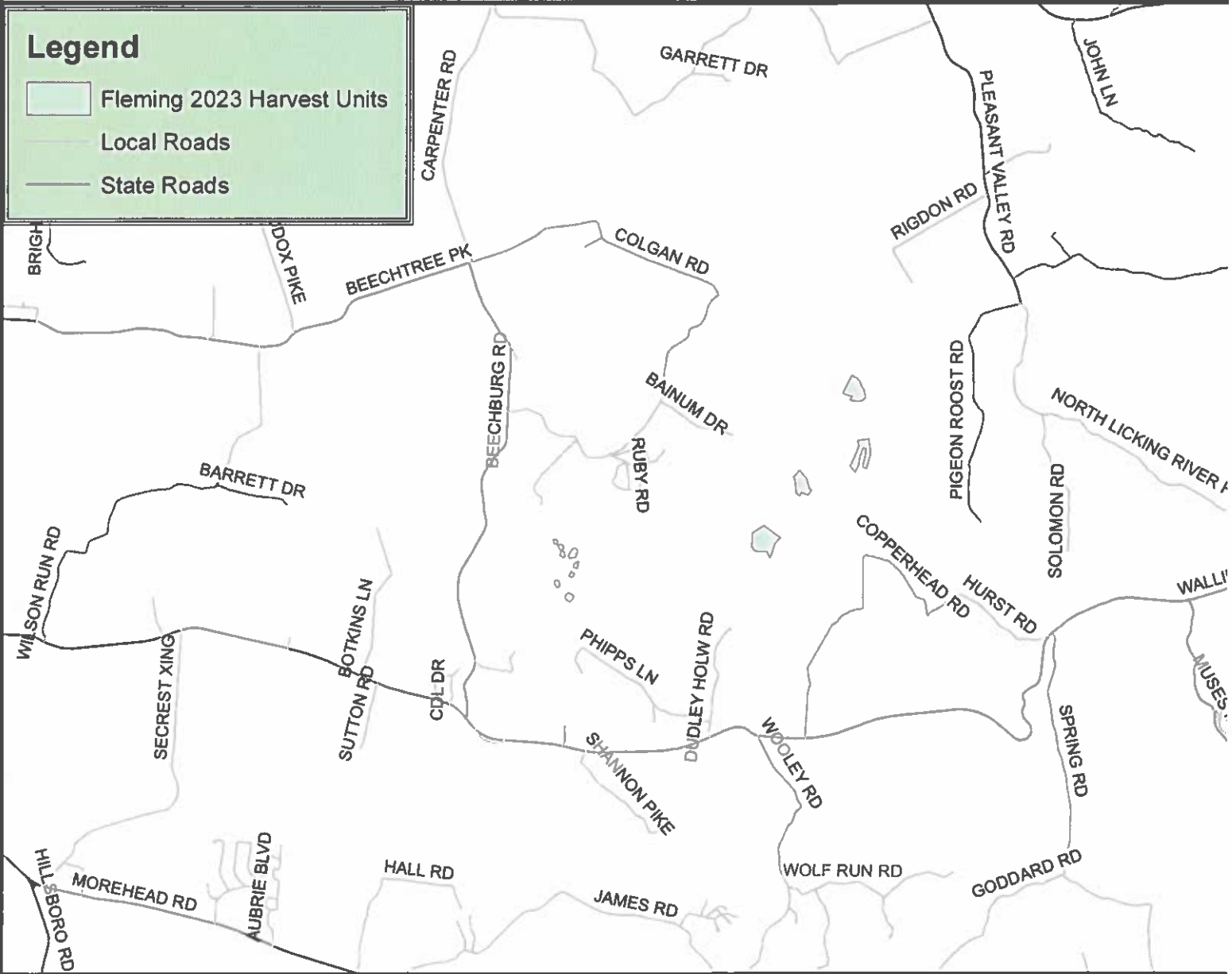




# KDFWR

## Legend

-  Fleming 2023 Harvest Units
-  Local Roads
-  State Roads



1:58,882

STAND SUMMARY

8/9/21

STAND 1

Sampling Method: Variable Radius Plots

ACRES 8.4

Basal Area Factor: 10.00

11 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		112.7	126.7	12.8	8.09	9.81
Sampling Error		18.1%	29.7%		32.8%	56.9%
Probable Lower Limit		92.3	89.1		5.44	4.23
Probable Upper Limit		133.1	164.3		10.75	15.39

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG HGT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	112.7		126.7	12.8		8.09	9.81	68.00	82.41
Yellow Poplar	60.0	53.2%	42.6	16.1	35.4	5.63	4.41	47.29	37.06
Sugar Maple	27.3	24.2%	53.4	9.7	17.6	1.21	1.67	10.19	13.99
Hickory	9.1	8.1%	10.9	12.4	22.4	0.54	0.57	4.53	4.77
Basswood	4.5	4.0%	5.1	12.7	20.8	0.21	0.58	1.79	4.90
Red Maple	2.7	2.4%	3.2	12.4	18.7		0.90		7.57
Green Ash	1.8	1.6%	2.5	11.5	32.0	0.03	0.69	0.28	5.82
Red Oak	1.8	1.6%	0.7	22.2	40.0	0.25		2.06	
chestnut oak	1.8	1.6%	0.6	22.9	20.0	0.15		1.22	
Sassafras	1.8	1.6%	2.3	12.0	32.0		0.99		8.30
Black Walnut	0.9	0.8%	0.7	16.0	32.0	0.08		0.63	
White Ash	0.9	0.8%	4.6	6.0	0.0				



STAND SUMMARY

8/3/21

STAND 1

Sampling Method: Variable Radius Plots

ACRES 7.6

Basal Area Factor: 10.00

10 PTS

STATISTICAL ANALYSIS				VOLUME PER ACRE					
Confidence Interval	95%	BA	TPA	DBH	MBF	TONS			
Average		118.0	107.4	14.2	8.44	8.75			
Sampling Error		12.4%	24.1%		18.9%	42.6%			
Probable Lower Limit		103.4	81.6		6.84	5.02			
Probable Upper Limit		132.6	133.3		10.04	12.48			
SPECIES COMPOSITION				VOLUME PER ACRE		TOTAL STAND VOLUME			
		BA	TPA	AVG DBH	AVG MHT	MBF	TONS	MBF	TONS
		118.0	107.4	14.2		8.44	8.75	63.84	66.15
Yellow Poplar		41.0 34.7%	33.1	15.1	37.1	3.55	4.03	26.87	30.49
Red Maple		26.0 22.0%	24.1	14.1	17.5	1.33	1.32	10.07	10.00
Hickory		21.0 17.8%	17.4	14.9	31.2	1.42	2.21	10.71	16.70
White Oak		10.0 8.5%	4.2	20.8	31.2	1.05		7.96	
Sugar Maple		8.0 6.8%	9.8	12.3	13.0	0.28	0.64	2.10	4.85
chestnut oak		3.0 2.5%	1.2	21.8	26.7	0.28		2.13	
black gum		3.0 2.5%	11.5	6.9	10.7		0.54		4.11
Black Oak		2.0 1.7%	0.8	22.1	40.0	0.25		1.93	
Red Oak		2.0 1.7%	0.9	19.7	32.0	0.20		1.55	
Black Walnut		1.0 0.8%	0.7	16.0	24.0	0.07		0.53	
Beech		1.0 0.8%	3.7	7.0	0.0				



STAND SUMMARY

8/26/21

STAND 1

Sampling Method: Variable Radius Plots

ACRES 6.4

Basal Area Factor: 10.00

7 PTS

STATISTICAL ANALYSIS			VOLUME PER ACRE						
Confidence Interval	95%	BA	TPA	DBH	MBF	TONS			
Average		124.3	162.1	11.9	6.70	14.34			
Sampling Error		25.7%	41.3%		46.5%	58.5%			
Probable Lower Limit		92.3	95.2		3.58	5.95			
Probable Upper Limit		156.3	229.0		9.81	22.73			
SPECIES COMPOSITION			VOLUME PER ACRE				TOTAL STAND VOLUME		
		BA	TPA	AVG DBH	AVG MHT	MBF	TONS	MBF	TONS
		124.3	162.1	11.9		6.70	14.34	42.53	91.08
Yellow Poplar		48.6 39.1%	50.3	13.3	33.4	3.24	6.79	20.60	43.13
Red Maple		45.7 36.8%	61.4	11.7	21.5	2.45	3.70	15.58	23.47
Black Cherry		10.0 8.0%	13.4	11.7	9.1	0.23	0.46	1.47	2.91
Hickory		4.3 3.4%	4.7	13.0	16.0	0.15	0.46	0.98	2.91
American Elm		4.3 3.4%	8.9	9.4	16.0		1.23		7.81
Red Oak		2.9 2.3%	0.9	24.5	44.0	0.43		2.73	
Sugar Maple		2.9 2.3%	14.6	6.0	0.0				
Black Oak		2.9 2.3%	5.2	10.0	16.0		0.92		5.82
Sycamore		2.9 2.3%	2.7	13.9	48.0	0.18	0.79	1.17	5.04



STAND SUMMARY

8/17/21

**STAND 1** BA 129.3 TPA 139.0 Sampling Method: Variable Radius Plots  
 ACRES 12.6 MBF 117.59 TONS 122.14 Basal Area Factor: 10.00 14 PTS

**STATISTICAL ANALYSIS**

Confidence Interval 95%	BA	TPA	DBH	VOLUME PER ACRE	
				MBF	TONS
Average	129.3	139.0	13.1	9.35	9.72
Sampling Error	11.7%	23.0%		19.2%	24.3%
Probable Lower Limit	114.2	107.0		7.55	7.35
Probable Upper Limit	144.4	171.0		11.15	12.08

**SPECIES COMPOSITION**

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	129.3		139.0	13.1		9.35	9.72	117.59	122.14
Yellow Poplar	42.1	32.6%	28.6	16.4	35.9	4.06	2.88	51.08	36.15
Red Maple	25.7	19.9%	39.8	10.9	17.3	1.13	1.96	14.23	24.63
chestnut oak	13.6	10.5%	9.3	16.3	25.3	0.85	0.93	10.70	11.65
black gum	10.0	7.7%	27.4	8.2	16.6	0.22	1.56	2.74	19.67
Red Oak	9.3	7.2%	5.5	17.7	32.0	0.88	0.61	11.02	7.69
White Oak	8.6	6.6%	4.8	18.1	28.7	0.78	0.39	9.77	4.91
Hickory	8.6	6.6%	11.7	11.6	26.0	0.48	0.95	6.07	11.88
Black Oak	5.0	3.9%	2.9	17.7	34.3	0.48	0.32	6.07	4.06
Black Cherry	3.6	2.8%	1.9	18.8	33.6	0.35	0.12	4.35	1.50
Beech	1.4	1.1%	5.7	6.8	8.0	0.04		0.49	
pine	0.7	0.6%	0.6	15.0	32.0	0.06		0.69	
Sugar Maple	0.7	0.6%	0.8	13.0	16.0	0.03		0.37	



Fleming WMA Group Openings  
 2021 Timber Harvest  
 Area Total (5.9 acres)

Species:	Volume in MBF											
	Stand: 5	6	7	8	9	10	11	12	Total			
Acre:	1.36	0.68	0.45	0.53	1.44	0.53	0.52	0.36				
White Oak	0.00	0.00	1.00	0.10	0.00	0.00	0.00	0.00	1.10			
Red Oak	0.22	0.22	1.32	0.71	1.59	0.00	0.00	0.00	4.06			
Chestnut Oak	0.00	0.00	2.76	6.50	0.00	0.00	0.00	0.00	9.26			
Hard Maple	5.34	0.96	1.06	0.00	0.56	0.00	0.00	0.63	8.55			
Hickory	0.50	0.00	1.19	0.33	0.14	0.01	0.32	0.25	2.74			
Black Cherry	0.00	0.90	0.20	0.00	1.11	0.06	0.00	1.49	3.76			
Black Walnut	0.26	0.34	0.00	0.00	0.00	0.00	0.00	0.41	1.01			
Yellow Poplar	0.35	0.00	0.26	0.00	13.86	7.00	9.02	0.00	30.49			
Other	0.02	0.24	0.20	0.22	0.04	0.01	0.40	0.40	1.53			
Stand Total	6.69	2.66	7.99	7.86	17.30	7.08	9.74	3.18	62.50			

TOTAL STAND VOLUME

8/9/21

Sampling Method: Variable Radius Plots

Basal Area Factor: 10.00 11 PTS

STAND	ACRES	BA	TREES	GRADE			PEELER TIE-PALLET		PULP Tons
				1 MBF	2 MBF	3 MBF	MBF	MBF	
Cut									
Yellow Poplar	465.8	269	15.01	21.15	4.44	6.09	0.59	37.06	
Sugar Maple	168.0	159	1.00	2.51	3.09		2.72	12.52	
Hickory	68.7	52		3.74	0.79			4.77	
Basswood	38.2	43	0.53	0.84			0.42	4.90	
chestnut oak	15.3	5		0.85	0.37				
Sassafras	15.3	19						8.30	
Red Oak	15.3	6	0.45	0.57	0.92		0.13		
Red Maple	15.3	24						7.57	
Green Ash	15.3	21			0.28			5.82	
Black Walnut	7.6	5		0.39	0.24				
Cut	824.7	605	16.99	30.05	10.13	6.09	3.86	80.95	
Sugar Maple	7.6	3					0.87	1.47	
Leave	7.6	3					0.87	1.47	

KY Dept. of Fish and Wildlife Resources

2175 KY 801, South  
Morehead, KY 40451





TOTAL STAND VOLUME

8/9/21

STAND TOTAL	832.4	607	16.99	30.05	10.13	6.09	4.73	82.41
ALL STANDS			16.99	30.05	10.13	6.09	4.73	82.41



TOTAL STAND VOLUME

8/23/21

STAND 1  
 ACRES 7.6  
 Sampling Method: Variable Radius Plots  
 Basal Area Factor: 10.00 10 PTS

Cure	BA	TREES	GRADE			STAVE		PEELER TIE-PALLET		PULP Tons
			1 MBF	2 MBF	3 MBF	MBF	MBF	MBF		
Yellow Poplar	302.4	222	6.63	12.39	4.17		3.56	0.12	30.49	
Red Maple	158.8	110	2.20	2.69	3.00			2.18	10.00	
Hickory	128.5	113	1.42	2.08	2.67			1.91	15.43	
Sugar Maple	52.9	52		0.53	0.91			0.66	4.85	
White Oak	52.9	21	0.50	2.38	0.41		2.69			
Chestnut oak	22.7	9		1.81	0.32					
Black Oak	15.1	6	0.53	1.18				0.21		
Red Oak	7.6	3		0.84						
Black Walnut	7.6	5		0.39	0.14					
black gum	7.6	10							4.11	
Cut	756.0	551	11.28	24.29	11.62	2.69	3.56	5.08	64.88	
Leave										
Hickory	30.2	19	0.66	1.19	0.26			0.50	1.27	
White Oak	22.7	11		1.39	0.26		0.33			

KY Dept. of Fish and Wildlife Resources

2375 KY 801 South  
 Morehead, KY 40351



TOTAL STAND VOLUME

Red Oak	7.6	4	0.43	0.28						
Leave	60.5	34	0.66	3.01	0.80	0.33	0.50	1.27		
STAND TOTAL	816.5	585	11.95	27.30	12.43	3.02	3.56	5.58	66.15	
ALL STANDS			11.95	27.30	12.43	3.02	3.56	5.58	66.15	

Ky Dept. of Fish and Wildlife Resources

2375 Ky 861 South  
Morehead, KY 40451



TOTAL STAND VOLUME

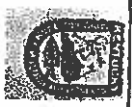
8/26/21

STAND 1  
 ACRES 6.4  
 Sampling Method: Variable Radius Plots  
 Basal Area Factor: 10.00 7 PTS

	BA	TREES	GRADE 1 MBF	GRADE 2 MBF	GRADE 3 MBF	PEELER MBF	TIE-PALLET MBF	PULP Tons
Yellow Poplar	290.3	250	3.17	8.67		8.77		43.13
Red Maple	244.9	212	1.25	5.19	0.47		8.67	23.47
Black Cherry	27.2	26		1.29			0.18	2.91
Hickory	27.2	30		0.47			0.52	2.91
American Elm	18.1	30						7.81
Black Oak	18.1	33						5.82
Sycamore	18.1	17					1.17	5.04
Red Oak	18.1	6	0.63	1.90			0.20	
STAND TOTAL	662.2	605	5.04	17.51	0.47	8.77	10.74	91.08
ALL STANDS			5.04	17.51	0.47	8.77	10.74	91.08

KY Dept. of Fish and Wildlife Resources

2275 KY 891 South  
 Morehead, KY 40451



TOTAL STAND VOLUME

8/17/21

STAND	1	BA 129.3	TPA 139.0	Sampling Method: Variable Radius Plots
ACRES	12.6	MBF 117.59	TONS 122.14	Basal Area Factor: 10.00
				14 PTS

Cut	BA	TREES	GRADE 1			GRADE 2			GRADE 3			STAVE			PEELER TIE-PALLET			PULP		
			MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	MBF	Tons
Yellow Poplar	484.8	280	19.94	22.15	0.83															36.15
Red Maple	242.4	206	1.67	4.53	2.55															24.63
Hickory	98.8	81	1.15	1.25	1.26															11.88
black gum	80.8	96			0.40															19.67
Red Oak	62.8	19	1.86	4.68	0.73															0.81
White Oak	44.9	14	1.26	1.21						1.93										0.45
Black Cherry	44.9	23		3.50	0.68															1.50
Black Oak	35.9	13	1.22	2.55	0.78															0.17
chestnut oak	18.0	6	0.59	1.10																
Sugar Maple	9.0	10																		0.37
pine	9.0	7																		0.69
Beech	9.0	6																		0.49
Leave																				
Cut	1,140.3	762	27.70	40.95	7.24	1.93	8.17	13.20	93.84											

KY Dept. of Fish and Wildlife Resources

2375 KY 801 SOUTH  
Morehead, KY 40445



TOTAL STAND VOLUME

8/17/21

Chestnut oak	116.7	93		5.91	2.53		0.57	11.65
White Oak	62.9	46	0.60	2.08	1.31	0.55	0.37	4.91
Red Oak	44.9	47		2.02	0.64		0.29	7.69
Black Oak	26.9	23		0.79	0.37		0.37	4.06
Leave	251.4	209	-0.60	-10.79	4.84	-0.55	1.60	28.30
STAND TOTAL	1,391.7	971	28.31	51.75	12.08	2.48	8.17	14.80
ALL STANDS			28.31	51.75	12.08	2.48	8.17	14.80
								122.14

KY Dept. of Fish and Wildlife Resources

2375 KY 801 South  
Morehead, KY 40451





Fleming WMA Group Openings

2021 Timber Harvest

Area Total (5.9 acres)

Species:	Volume in MBF																		
	Stand: 5	6	7	8	9	10	11	12	Total	Acres:	5	6	7	8	9	10	11	12	Total
White Oak	0.00	0.00	1.00	0.10	0.00	0.00	0.00	0.00	0.00	1.10	1.36	0.68	0.45	0.53	1.44	0.53	0.52	0.36	6.29
Red Oak	0.22	0.22	1.32	0.71	1.59	0.00	0.00	0.00	0.00	4.06	0.68	0.68	1.32	1.59	1.44	0.53	0.52	0.36	6.29
Chestnut Oak	0.00	0.00	2.76	6.50	0.00	0.00	0.00	0.00	0.00	9.26	0.45	0.45	2.76	6.50	1.44	0.53	0.52	0.36	6.29
Hard Maple	5.34	0.96	1.06	0.00	0.56	0.00	0.00	0.00	0.63	8.55	0.45	0.45	1.06	0.56	1.44	0.53	0.52	0.36	6.29
Hickory	0.50	0.00	1.19	0.33	0.14	0.01	0.32	0.25	2.74	3.76	0.45	0.45	1.19	0.33	1.44	0.53	0.52	0.36	6.29
Black Cherry	0.00	0.90	0.20	0.00	1.11	0.06	0.00	1.49	3.76	2.01	0.68	0.68	0.20	1.11	1.44	0.53	0.52	0.36	6.29
Black Walnut	0.26	0.34	0.00	0.00	0.00	0.00	0.00	0.41	2.01	3.04	0.68	0.68	0.00	0.00	1.44	0.53	0.52	0.36	6.29
Yellow Poplar	0.35	0.00	0.26	0.00	13.86	7.00	9.02	0.00	30.49	62.50	0.45	0.45	0.26	0.00	1.44	0.53	0.52	0.36	6.29
Other	0.02	0.24	0.20	0.22	0.04	0.01	0.40	0.40	1.53	6.29	0.45	0.45	0.20	0.22	1.44	0.53	0.52	0.36	6.29
Stand Total	6.69	2.66	7.99	7.86	17.30	7.08	9.74	3.18	62.50	62.50	5.9	5.9	7.99	7.86	17.30	7.08	9.74	3.18	62.50