

SUMMARY TABLE

HMU 509 ^ Ideal Conditon per Forest Plan

Total HMU Acres: 2861

80:20 split on MA 3.1 lands: 2289 Acres EA; 572 Acres UEA

	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
Community	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2406	1190	50	131	271	428	298	512	1427	119	439	378
Paper Birch	21	366	0	40	0	168	0	121	21	34		
Aspen	0	160	0	26	0	73	0	43	0	18		
Hemlock											19	29
Spruce/Fir	10	389	0	43	0	97	0	195	10	39	0	126
Oak/Pine	313	46	10	5	24	22	208	16	71	3	13	6
Permanent Openings	0	69									0	17
Wetland	0#	46									0	6
Other	1#	23									0	10
Total	2390	2289	60	245	295	788	506	902	1529	216	471	572

* Existing/Desired.

^incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

January 2003

HMU 509[^]
Ideal Conditions Based on Soil Capability

Total HMU Acres: 2861

Community	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2046	1369	50	142	271	492	298	593	1427	142	439	470
Paper Birch	21	170	0	18	0	79	0	55	21	18		
Aspen	0	75	0	12	0	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir	10	75	0	8	0	19	0	40	10	8	0	270♯
Oak/Pine	313	357	10	36	24	161	208	124	71	36	13	13
Permanent Openings	0	5									0	2
Wetland	0#	11									0	1
Other	1#	10									0	2
Totals	2390	2046	60	216	295	785	506	832	1529	213	471	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

[^]incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

♯desired UEA acres increased due to actual softwood capability

January 2003

HMU 509 : Alternative 1[^]
No Action
Based on conditions in 20 years (2023)

Total HMU Acres: 2861

	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
Community	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2067	1369	0	142	321	492	60	593	1686	142	439	470
Paper Birch	0	170	0	18	18	79	0	55	0	18		
Aspen	0	75	0	12	11	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir	10	75	0	8	0	19	0	40	10	8	0	270♯
Oak/Pine	313	357	0	36	34	161	67	124	212	36	13	13
Permanent Openings	0	5									0	2
Wetland	0#	11									0	1
Other	1#	10									0	2
Total	2390	2046	0	216	384	785	127	832	1908	213	471	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

^incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

♯desired UEA acres increased due to actual softwood capability

January 2003

**HMU 509 : Alternative 2[^]
Proposed Action**

Total HMU Acres: 2861

Communitiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2085	1369	50	142	271	492	337	593	1427	142	385	470
Paper Birch	21	170	0	18	0	79	0	55	21	18		
Aspen	0	75	0	12	0	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir	10	75	0	8	0	19	0	40	10	8	0	270♯
Oak/Pine	328	357	25	36	24	161	208	124	71	36	13	13
Permanent Openings	0	5									0	2
Wetland	0#	11									0	1
Other	1#	10									0	2
Totals	2444	2046	75	216	295	785	545	832	1529	213	417	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

^incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

♯desired UEA acres increased due to actual softwood capability

January 2003

**HMU 509 : Alternative 3[^]
Management without New Road Construction**

Total HMU Acres: 2861

	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
Communtiy	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	1977	1369	50	142	271	492	298	593	1358	142	399	470
Paper Birch	21	170	0	18	0	79	0	55	21	18		
Aspen	0	75	0	12	0	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir	10	75	0	8	0	19	0	40	10	8	94	270♯
Oak/Pine	328	357	25	36	24	161	208	124	71	36	13	13
Permanent Openings	0	5									0	2
Wetland	0#	11									0	1
Other	1#	10									0	2
Total	2336	2046	217	216	295	785	506	832	1460	213	525	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

^incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

♯desired UEA acres increased due to actual softwood capability

January 2003

**HMU 509 : Alternative 4[^]
Uneven-Age Management**

Total HMU Acres: 2861

Communtiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	1977	1369	50 [^]	142	271	492	298	593	1373	142	493	470
Paper Birch	21	170	0	18	0	79	0	55	21	18		
Aspen	0	75	0	12	0	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir**	10	75	0	8	0	19	0	40	10	8	0	270 [♯]
Oak/Pine	328	357	10	36	24	161	208	124	71	36	13	13
Permanent Openings	0	5									0	2
Wetland	0 [#]	11									0	1
Other	1 [#]	10									0	2
Totals	2336	2046	60	216	295	785	506	832	1475	213	525	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

[^]incorporates Back-A-Pickering and Back-A-Pickering II sales

[#]beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

[♯]desired UEA acres increased due to actual softwood capability

January 2003

**HMU 509 : Alternative 5[^]
Defers Harvest west of Otis Brook**

Total HMU Acres: 2861

Communtiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*♦	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2031	1369	50	142	217	492	298	593	1412	142	439	470
Paper Birch	21	170	0	18	0	79	0	55	21	18		
Aspen	0	75	0	12	0	34	0	20	0	9		
Hemlock											19	31
Spruce/Fir	10	75	0	8	0	19	0	40	10	8	0	270♣
Oak/Pine	328	357	25	36	24	161	208	124	71	36	13	13
Permanent Openings	0	5									0	2
Wetland	0#	11									0	1
Other	1#	10									0	2
Total	2390	2046	75	216	295	785	506	832	1514	213	471	789

*Existing/Desired

♦Desired based on soil capability (ELT's)

^incorporates Back-A-Pickering and Back-A-Pickering II sales

#beaver pond exists that has not been captured in the database, and some roads exist that are not captured in the database.

♣desired UEA acres increased due to actual softwood capability

January 2003

SUMMARY TABLE

HMU 506 :
Ideal Conditon per Forest Plan

2707 HMU Acres

80:20 split on MA 3.1 lands: 2166 Acres EA and 541 Acres UEA

	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
Communtiy	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2514	1105	11	114	1319	397	1123	480	61	114	126	357
Paper Birch	27	325	0	34	0	150	0	107	27	34		
Aspen	0	152	0	24	0	70	0	41	0	17		
Hemlock											20	27
Spruce/Fir	20	347	0	36	0	89	20	186	0	36	0	120
Oak/Pine	0	43	0	4	0	20	0	15	0	4	0	6
Permanent Openings	0	73									0	15
Wetland	0	48									0	6
Other	0	73									0	10
Total	2561	2166	11	212	1319	726	1143	829	88	205	146	541

* Existing/Desired.

January 2003

HMU 506
Ideal Conditions Based on Soil Capability

2707 HMU Acres

Communtiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2514	1385☐	11	145	1319	499	1123	596	61	145	126	497
Paper Birch	27	280	0	30	0	129	0	91	27	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock	0	0									20	110
Spruce/Fir	20	99	0	10	0	25	20	54	0	10	0	175φ
Permanent Openings	0	8									0	4
Wetland	0	0									0	2
Other	0	10									0	1
Totals	2561	1918	11	207	1319	716	1143	777	88	200	146	789

* Existing/Desired

φA large portion of the desired spruce/fir moved to uneven-age.

☐Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003

HMU 506 : Alternative 1
No Action
Based on conditions in 20 years (2023)

2707 HMU Acres

Community	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2530	1385☐	0	145	646	499	1664♣	596	231	145	126	497
Paper Birch	0	280	0	30	0	129	0	91	0♣	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock	0	0									20	110
Spruce/Fir	31	99	0	10	0	25	0	54	20	10	0	175 φ
Permanent Openings	0	18									0	4
Wetland	0										0	2
Other	0										0	1
Total	2561	1918	0	207	646	716	1664	777	251	200	146	789

* Existing/Desired

♣27 acres of Paper Birch dies out and stand transitions to NH mature

φA large portion of the desired spruce/fir moved to uneven-age.

☐Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003

**HMU 506 : Alternative 2
Proposed Action**

2707 HMU Acres

Communtiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2439	1385φ	36	145	1319	499	1048	596	36	145	169	497
Paper Birch	27	280	15	30	0	129	0	91	12	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock		0									20	110
Spruce/Fir	20	99	0	10	0	25	20	54	0	10	32	175☐
Permanent Openings	0	18									0	4
Wetland	0										0	2
Other	0										0	1
Totals	2486	1918	51	207	1319	716	1068	777	48	200	221	789

* Existing/Desired

φA large portion of the desired spruce/fir moved to uneven-age.

☐Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003

**HMU 506 : Alternative 3
Management without New Road Construction**

2707 HMU Acres

Community	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2439	1385φ	36	145	1319	499	1048	596	36	145	169	497
Paper Birch	27	280	15	30	0	129	0	91	12	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock	0	0									20	110
Spruce/Fir	20	99	0	10	0	25	20	54	0	10	32	175■
Permanent Openings	0	18									0	4
Wetland	0	0									0	2
Other	0	0									0	1
Total	2486	1918	51	207	1319	716	1068	777	48	200	221	789

* Existing/Desired

φA large portion of the desired spruce/fir moved to uneven-age.

■Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003

**HMU 506 : Alternative 4
Uneven-Age Management**

2707 HMU Acres

Communtiy	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2210	1385φ	11	145	1319	499	844	596	36	145	413	497
Paper Birch	12	280	0	30	0	129	0	91	12	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock	0	0									20	110
Spruce/Fir	20	99	0	10	0	25	20	54	0	10	32	175■
Permanent Openings	0	18									0	4
Wetland	0	0									0	2
Other	0	0									0	1
Totals	2242	1918	11	207	1319	716	864	777	48	200	465	789

* Existing/Desired

φA large portion of the desired spruce/fir moved to uneven-age.

■Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003

**HMU 506 : Alternative 5
Defers Harvest west of Otis Brook**

2707 HMU Acres

	EVEN AGED MANAGEMENT										UNEVEN AGED	
	Total Acres		Regen		Young		Mature		Overmature		Total Acres	
Communtiy	E*	D*	E	D	E	D	E	D	E	D	E	D
Northern Hardwood & Mixed wood	2471	1385☐	36	145	1319	499	1080	596	36	145	169	497
Paper Birch	27	280	15	30	0	129	0	91	12	30		
Aspen	0	136	0	22	0	63	0	36	0	15		
Hemlock	0	0									20	110
Spruce/Fir	20	99	0	10	0	25	20	54	0	10	0	175φ
Permanent Openings	0	18									0	4
Wetland	0	0									0	2
Other	0	0									0	1
Total	2518	1918	51	207	1319	716	1100	777	48	200	189	789

* Existing/Desired

φA large portion of the desired spruce/fir moved to uneven-age.

☐Northern hardwood desired acres increased by oak/pine acres because soils not present for oak/pine

January 2003