

APPENDIX 3

Forest Type Definitions

Forest stand data were classified into working groups based on the dominant tree species or overall community composition within each stand. The following criteria were used to assign stands to their respective working groups:

- **Upland Tolerant Hardwood**
Assigned to any stand containing *Mh* (Hard Maple).
- **Oak**
Assigned to any stand containing *Or* (Red Oak) and/or *Ow* (White Oak).
- **Lowland Hardwood**
Assigned to any stand containing *Ab* (Black Ash).
- **Intolerant Hardwood**
Assigned to any stand where *Po* (Poplar) and/or *Bw* (White Birch) comprise more than 30% of total species composition.
- **White Pine (Natural and Planted)**
Assigned to any stand where *Pw* (White Pine) comprises more than 30% of total species composition.
- **Red Pine (Plantations)**
Assigned to any stand containing *Pr* (Red Pine).
- **White Cedar**
Assigned to any stand where *Cw* (White Cedar) comprises more than 30% of total species composition.
- **Hemlock**
Assigned to any stand where *He* (Hemlock) comprises more than 30% of total species composition.
- **Other**
Stands not meeting any of the above criteria were reviewed manually and assigned to one of the following working groups as appropriate:
 - *Hardwood Shelterwood*
 - *Other Conifers*

In cases where a stand met the criteria for more than one working group, the assignment was based on the species with the highest percentage composition, or in cases of equal percentage, by the broader community context and overall stand characteristics.

Quinte Conservation Forest Types

FOREST TYPE		DESCRIPTION	Other Species	SILVICULTURE SYSTEM OPTIONS	FUTURE FOREST TYPES
1	Tolerant Hardwoods	All - aged, good quality, upland hardwood sites dominated by sugar maple, beech or basswood with a component of mid-tolerant tree species.	Ms, Or, Aw, HiB, Id, Cb, Bn, By, Po, Bw, He, Pw	Selection Group Selection	Tolerant Hardwoods Hemlock
2	Oak	Even-aged stands dominated by oak. Red oak is the primary species but may also include white, bur, black and/or chinquapin oak	Mh, Ms, Aw, Id, Be, Bd, Po, Bw, HiB, HiS, Cb, Bn, Pw, He	Uniform Shelterwood Group Selection	Oak White Pine Tolerant Hardwoods
3	Hardwood Shelterwood	Low quality hardwood stands. May be even, all and/ or two aged. Contain a diverse mixture of shade tolerant, intermediate and intolerant tree species.	Mh, Ms, Aw, Or, Id, Be, Bd, Po, Bw, HiB, Cb, Bn, By, Bf, Pw, Sw, He	Commercial Thinning Uniform Shelterwood	Tolerant Hardwood Oak White Pine Hardwood Shelterwood
4	Lowland Hardwoods	Wet to mesic sites dominated by black and green ash, red and silver maple and white elm.	Ob, HiS, By, Ce, Bf, Sw, La	Selection Group Selection	Lowland Hardwoods White Cedar
5	Early Successional (Intolerant) Hardwoods	Even and two -aged stands dominated by poplar and white birch: may contain a diverse mixture of other hardwood or conifer tree species in the overstory and understory.	Mh, Ms, Aw, Or, Id, Be, Bd, HiB, Cb, Bn, By, Ce, Bf, Pw, Sw, He, La	Commercial Thinning Uniform Shelterwood Clearcut with Seed Trees	White Pine Tolerant Hardwoods Hardwood Shelterwood White Cedar Oak Intolerant Hardwoods
6	Hemlock	Even and all aged stands dominated by hemlock	Mh, Ms, Aw, Or, Be, Bd, Po, Bw, Cb, Bn, By, Pw	Commercial Thinning Selection	Hemlock Tolerant Hardwoods
7	White Cedar	Includes upland white cedar on old agricultural sites and lowland cedar mixed stands	Upland: Aw, Ag, Mh, Ms, Id, Bd, Po, Bw, HiB, Cb, Bn, Pw, Bf, Sw Lowland: Ms, Ab, Ag, By, Ew, Po, Bw, Sw, Bf, La, He	Commercial Thinning Group Selection	Upland: Tolerant Hardwoods Lowland: White Cedar Lowland: Lowland hardwoods
8	Other Conifers (Red Cedar, Spruce, Balsam Fir, Tamarack, Larch, Jack Pine)	Includes upland red cedar on old agricultural sites, mixed conifer stands of spruce, balsam fir and tamarack, and spruce, larch and jack pine plantations.	Upland: Mh, Ms, Aw, Ag, Id, Or, Ob, Bd, Po, Bw, HiB, Cb, Bn, Pw, Bf, Sw Lowland: Ms, Ab, Ag, Ob, By, Ew, Po, Bw, He	Commercial Thinning Patch Clearcutting	Other Conifers Tolerant Hardwoods Lowland Hardwoods White Cedar
9	White Pine	Even-aged stands dominated by white pine Includes plantations	Or, Ow, Mh, Ms, Aw, Ag, Be, Bd, Po, Bw, HiB, Cb, He, Sw	Commercial Thinning Uniform Shelterwood	White Pine Oak Tolerant Hardwoods
10	Red Pine (Plantations)	Red pine plantations	Or, Ow, Mh, Ms, Aw, Ag, Be, Bd, Po, Bw, HiB, Cb, He, Pw, Sw	Commercial Thinning Uniform Shelterwood	White Pine Tolerant Hardwoods Oak

* Note: Periodically outliers exist which have been manually assigned to appropriate forest types