



## **Report #0076 - Nautical Lands Group Construction and Land Development**

**Location:** 15 Wellings Drive, Picton ON – Wellings of Picton Phase #2

**Date of Inspection:** February 14, 2019

**Overview:** This report is in reference to the tree canopy throughout the proposed development area. The site was inspected for any endangered or protected woody plants. There was no endangered or protected woody plants discovered during the inspection.

The area from the Phase 1 building, east to Loyalist Parkway is mainly forested with younger trees with few exceeding a DBH of 30 cm. The primary species found are Green Ash (*Fraxinus pennsylvanica*) and White Ash (*Fraxinus americana*). The majority of these trees appear to be in decline undoubtedly due to the encroachment of Emerald Ash Borer in the area. For this reason no Ash should be considered for retainment. This area has an understory growth of European Buckthorn (*Rhamnus cathartica*). This species is on the Ministry of Natural Resources list of Invasive Species. There is a small population of Black Walnut (*Juglans nigra*) and Eastern Red Cedar (*Juniper virginiana*). The majority of Cedars are in decline with thinning and damaged canopies. The Walnut are younger trees (majority under 20 cm DBH) and can be considered replaceable.

The area from the Phase 1 building, west to the hydro right-of-way at the western end of the property has a more mature, diverse canopy. The deciduous shade tree species found in this area are White Ash (*Fraxinus americana*), Green Ash (*Fraxinus pennsylvanica*), Black Walnut (*Juglans nigra*), Trembling Aspen (*Populus tremuloides*), Manitoba Maple (*Acer negundo*), Black Willow (*Salix nigra*). There is also a small population of hardwoods. These include White Oak (*Quercus alba*), Shagbark Hickory (*Carya ovata*), Bitternut Hickory (*Carya condiformis*), Ironwood (*Ostrya virginiana*), American Basswood (*Tilia americana*), Burr Oak (*Quercus macrocarpa*) and Black Cherry (*Prunus serotina*). The coniferous throughout this area are Eastern White Cedar (*Thuja occidentalis*) and Eastern Red Cedar (*Juniper virginiana*). The understory trees are mainly made up of European Buckthorn (*Rhamnus cathartica*), Prickly Ash (*Zanthoxylum americanum*) and Staghorn Sumac (*Rhus typhina*).

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