

TECHNICAL MEMORANDUM

2025-05-02

Our File: MATT 1855.1

TO: Conor Sutherland
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Via E-mail: conor.sutherland@mattamycorp.com

SUBJECT: Tree Survey at Wateridge Block 105

1.0 INTRODUCTION

Mattamy Homes has requested that Kilgour & Associates Ltd. (KAL) provide an update to a previously-prepared Tree Conservation Report (TCR) prepared for the broader Former CFB Rockcliffe Lands (Golder Associates Ltd., 2015). This update focuses on Wateridge Block 105 (Appendix A).

A Tree Conservation Report (TCR) is required for all Plans of Subdivision, Site Plan Control Applications, Common Elements Condominium Applications, and Vacant Land Condominium Applications where there is a tree of 10 cm in diameter at breast height (DBH) or greater on a site and/or if there is a tree on an adjacent site that has a critical root zone (CRZ) extending onto a development site. A “tree” is defined as any species of woody perennial plant, including its root system, which has reached or can reach a minimum height of at least 450 cm at physiological maturity. The CRZ is calculated as DBH x 10 cm.

The removal of trees greater than 10 cm DBH cannot occur until written approval has been granted through a tree permit as per the City’s Tree Protection By-law (City of Ottawa, 2020).

2.0 PROPERTY INFORMATION

The Site comprises Wateridge Block 105, situated at 615 Mikinak Road. The Site is approximately 2.25 ha and is zoned as Residential Fourth Density (R4). Historical imagery (City of Ottawa, 2025; *Google Earth*, n.d.) indicates the Site previously supported residential developments of CFB Rockcliffe, and has been subject to recent redevelopment. The Site is currently an undeveloped field with small, planted trees around the perimeter. Imagery suggests the trees were planted in late 2023. The Site does not support surface water features, steep slopes, significant woodlands, valued woodlots or greenspace linkages.

3.0 EXISTING CONDITIONS

KAL Biologist Kesia Miyashita conducted a site visit on April 30, 2025 to assess the trees around the perimeter of the Site. In total, 46 planted trees were noted on the north, west, and south sides of the Site, surrounding an open, grass-dominated field (Figure 1). Planted trees included Red Maple (*Acer rubrum*), Little-leaf Linden (*Tilia cordata*), and species of oak (*Quercus* spp.) and birch (*Betula* spp.; Figure 2). A small patch of naturally-occurring (i.e., not planted) Manitoba Maple (*Acer negundo*) saplings were also observed growing in the northeast corner of the Site (Figure 3). The Site does not contain any Butternut (*Juglans cinerea*) or Black Ash (*Fraxinus nigra*) trees (listed as Endangered under the ESA and SARA). The Site is surrounded by roads on three sides (Mikinak Road to the south, Vedette Way to the west and Hemlock Road to the north), and open park space to the east; as such, there are no trees on adjacent lands with CRZs that extend onto the Site.

The average diameter at breast height of the trees was 5.1 cm, with the largest individual trees measuring 6.5 cm. The City of Ottawa's Tree Conservation Bylaw applies to trees measuring 10 cm DBH or greater. As such, there are no trees of sufficient size on the Site and a TCR is not required to support work at this Site.



Figure 1 Open grass-dominated field, with planted trees around the perimeter, as viewed along Mikinak Road





Figure 2 Planted Red Maple trees (average DBH 5.1 cm) along the west side of the open field (photo taken April 30, 2025)





Figure 3 Naturally-occurring (i.e. not planted) Manitoba Maple saplings in the northeast corner of the Site (photo taken April 30, 2025)



Respectfully submitted,

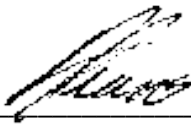
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4.0 LITERATURE CITED

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Appendix A Site Context



