

June 27, 2023

John & Pat Hargreaves
19 Dundonald Street
Barrie, ON L4M 3S9

RE: **Environmental Impact Study Addendum**
19 Dundonald Street
City of Barrie

1. Introduction

The following is provided as an Addendum to the Scoped Environmental Impact Study (SEIS) prepared by Roots Environmental dated March 11, 2022.

This Addendum provides additional information to address comments by the Lake Simcoe Region Conservation Authority (LSRCA) in their email dated April 22, 2022, and changes to the proposed site plan for the development in 2023.

2. Field Investigations

LSRCA requested the following surveys be completed as additions to the Terms of Reference provided for the 2022 SEIS:

- That ecological functions of the woodland on the subject property need to be confirmed through seasonal surveys (spring) for woodland ephemerals and breeding birds (2) to demonstrate that the development meets the no negative impact test of the PPS as it relates to significant wildlife habitat.
- LSRCA staff will need to attend a staking of the woodland dripline across the property.

The following summarizes the results of the field investigations completed in 2022 to satisfy the LSRCA comments.

2.1. Breeding Bird Surveys

Two breeding bird surveys were completed on May 27 and June 23, 2022. Surveys were completed using general protocols in the Atlas of the Breeding Birds of Ontario, which were adapted for this site. Surveys were completed using a wandering transect through the property within woodland communities. The remainder of the property is fully developed.

11 bird species were detected during the surveys. These species were the House Sparrow, Black-capped Chickadee, American Robin, Red-eyed Vireo, Hairy Woodpecker, Chipping Sparrow, Blue Jay, European Starling, Northern Flicker, Northern Cardinal and American Crow.

All species were found to be common in Ontario and prevalent in urban areas. The site contained a limited diversity of breeding bird species, likely as the woodland abuts municipal roadways and residential development.

2.2. Vegetation Inventory (Spring)

A spring vegetation survey was completed on May 27, 2022. This survey was focussed on woodlands within the property. Remaining areas on site have been historically developed for residential use. A “walk-through” on May 13, 2022, was also completed with LSRCA during the delineation of the woodland (see Section 2.3).

As noted in the March 11, 2022, SEIS, the woodlands, while containing largely a native mature canopy of Hard Maple, Red Oak, American Beech, Basswood and White Ash (dead from Emerald Ash Borer), the groundcover was found to be largely comprised of invasive and/or non-native species. No SAR or rare species were found during the surveys.

2.3. Woodland Delineation

A dripline survey of woodlands within the property was completed with LSRCA staff on May 13, 2022, for the purpose of calculating Ecological Offsetting compensation for loss of woodland area. It is our understanding that Ecological Offsetting through the LSRCA is no longer required.

3. Significant Wildlife Habitat

An assessment of Significant Wildlife Habitat (SWH) was completed as part of the March 11, 2022, SEIS (Section 4.5). That assessment was based on habitat present in the study area and prior field surveys on the property.

Based on further site surveys in 2022, we confirm that SWH is not found within woodlands on the subject property.

4. Revised Site Plan (2023)

It is our understanding that based on comments received for the 1st submission of the site plan for development, a revised site plan was completed and will be submitted to the City of Barrie in 2023.

We have reviewed the revised site plan (June 8, 2023). The revisions do not change the conclusions of the March 11, 2022, SEIS.

5. Summary and Conclusions

This Addendum is provided to address comments by the LSRCA for the Scoped Environmental Impact Study (March 11, 2022) in support of development applications for 19 Dundonald Street, City of Barrie.

All surveys and analysis requested by LSRCA have been completed. No changes to the recommendations or conclusions of SEIS are warranted.

Provided recommendations of the SEIS are implemented and development occurs as shown on current site plan, we anticipate no negative impacts to natural heritage features or ecological functions.

If you have any questions, please contact us.

Sincerely,

A handwritten signature in blue ink that reads "Kyle Fleming". The signature is stylized and written in a cursive-like font.

Kyle Fleming, BSc. (Wildlife)
Senior Ecologist/Owner

cc: James Hunter – Innovative Planning Solutions