

MEMORANDUM

January 11, 2019

Re: Noise Feasibility Study
105 Avondale & 143 Blue Water Road, Burlington

Rb File #: 2381

Bloomfield Homes
9120 Leslie Street
Richmond Hill, ON

1.0 INTRODUCTION

Rubidium Environmental was retained by Bloomfield Homes to perform a preliminary noise impact review. It is our understanding that Bloomfield Homes is proposing a residential development to be located at 105 Avondale & 143 Blue Water Road in Burlington. The proposed development includes 8 detached houses. The surrounding area is predominantly residential with a community park located to the west.

As the proposed development consists solely of detached homes, there are no significant sources of noise associated with the development. This memorandum addresses potential noise concerns raised by the City of Burlington with respect to nearby residences. This memorandum is conducted in accordance with the guidelines of the Ministry of the Environment, Conservation, and Parks (MECP), specifically, NPC-300.

The subject site is located in a Class 1 – Urban noise environmental, where the background noise levels consist primarily of road traffic and urban hum (human activity).

2.0 ENVIRONMENTAL NOISE

Given the lack of commercial/industrial uses in the area, no significant sources of environmental noise could be identified that would impact this development. The most significant source of noise is expected to be road traffic from Lakeshore Boulevard. Given the setback distance is a minimum of 150m from the closest proposed development, and that the majority of the line of sight is obstructed by existing residential dwellings, the noise impacts are expected to be de minimis.

3.0 CONCLUSION

At this time, there are no adverse noise impacts anticipated from this development. No significant noise sources exist. Noise impacts at the proposed development resulting from road traffic on Lakeshore Road will be minimal due to the separation distance and obstacles breaking the line of sight.

Rubidium Environmental Inc.

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