

February 8, 2018

Buckhorn Sand and Gravel
754 Melody Bay Rd
P.O. Box 100
Buckhorn, ON K0L 1J0

Attention: Jeff Chesher
President

Dear Jeff:

Re: Addendum to EIS (2012)
Granite Ridge Subdivision – Phase II
Our File: P/N 2361

An Environmental Impact Study (EIS) was completed for the Granite Ridge Subdivision- Phase II dated October 2012. This report was peer reviewed by Stantec Consulting Ltd. and accepted on October 28, 2014.

This EIS addendum provides an update to the 2012 EIS relative to any changes to site conditions and to relevant planning policy changes, and to address species that are listed as threatened or endangered in the *Endangered Species Act* which may be found on site since the 2012 EIS was completed.

1.0 Habitat of Threatened or Endangered Species

A review was completed of current species listed as threatened or endangered under the *Endangered Species Act* (2007). Our review identified three species which had the potential to utilize habitat on site, being the Little Brown Myotis (*Myotis lucifugus*) and Northern Myotis (*Myotis septentrionalis*), which were listed in 2013, and the tri-colored bat (*Perimyotis subflavus*), which was listed in 2015.

A cavity/snag survey was done on June 6, 2017 to determine if forested areas on site contained trees capable of supporting maternity roosting bats, and the whether there was sufficient density of those trees to support a colony. Based on the survey, forested areas shown on Figure 1 – Potential SAR Bat Maternity Roost Habitat, were deemed to have potential for bat maternity roost habitat.

To confirm the presence/absence of bat species utilizing the potential forested habitat, acoustic monitors were installed in the woodlands as shown on Figure 1. Acoustic monitoring stations were distributed to provide coverage of all suitable habitat.

Based on detections of Little Brown Myotis and Northern Myotis on site, and analysis of the acoustic monitoring conducted from June 8 - July 11, 2017, we conclude that there is a high probability that woodlands shown on Figure 1 are maternity roost habitat for the Little Brown Myotis and Northern Myotis.

As shown on Figure 2- SAR Bat Habitat to be Removed, approximately 6.5 ha of potential woodland habitat will be removed as a result of the proposed development.

1.1 Recommendations

The proposed development will result in approximately 6.5 ha. of bat maternity roost habitat being removed. The Ministry of Natural Resources and Forestry (MNRF) should be consulted to determine if an Overall Benefit Permit under the *Endangered Species Act* is required. If required, the Permit should be approved prior to development of the site. This can be suitably established and implemented as a Draft Plan Condition on the approval of the Plan of Subdivision.

2.0 Update to Planning Policy Relevant to Natural Heritage

A review of planning policy affecting the proposed development was undertaken as part of the additional natural heritage work for proposed development.

The Growth Plan for The Greater Golden Horseshoe was updated in 2017. The changes affect proposed developments on lands in the identified Natural Heritage System outside of Settlement Areas. Consultations with County Planning staff established that the lands of the proposed subdivision should be considered as lands in the Settlement Area of Buckhorn, as that is the intent of the Official Plan Amendment Application filed in 2012.

3.0 Conclusions

In conclusion, this addendum was completed as an update to the Environmental Impact Study (EIS) completed in 2012 and accepted in 2014.

Maternity roost habitat for two species at risk bat species was identified on site as shown on Figure 1. As a result of the proposed development, approximately 6.5 ha of that habitat will be removed.

It is recommended that the Ministry of Natural Resources and Forestry (MNRF) be consulted to determine if an Overall Benefit Permit under the *Endangered Species Act* is required. If required, the permit must be obtained prior to any removal of the bat maternity roost habitat on site.

The proposed development was found to comply with policies of the Growth Plan for the Greater Golden Horseshoe (2017).

If you have any questions, please contact us.

Yours truly,

Skelton, Brumwell & Associates Inc.

Per:

A handwritten signature in blue ink, appearing to read 'K. Fleming', with a long horizontal flourish extending to the right.

Kyle Fleming, BSc. (Wildlife)
Senior Terrestrial Ecologist

Attach.

JKF/sld

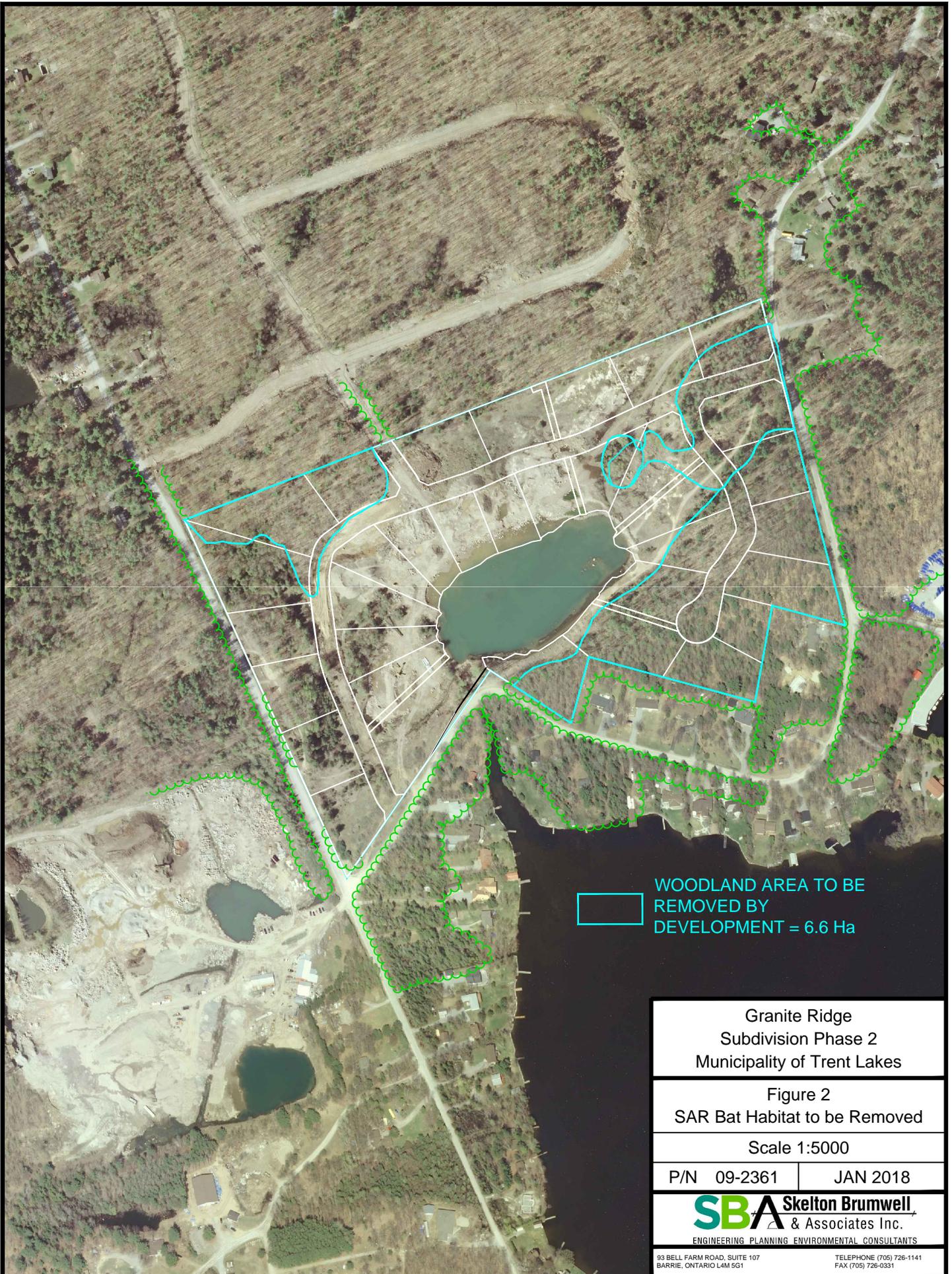
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Granite Ridge Subdivision Phase 2 Municipality of Trent Lakes	
Figure 1 Potential Bat Maternity Roost Habitat	
Scale 1:5000	
P/N 09-2361	JAN 2018
 ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS	
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Granite Ridge
Subdivision Phase 2
Municipality of Trent Lakes

Figure 2
SAR Bat Habitat to be Removed

Scale 1:5000

P/N 09-2361

JAN 2018

SBA Skelton Brumwell
& Associates Inc.
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