



Site Specific Addendum to Environmental Impact Study



**NP-8671, Lot 188, Strathcona or Forestry Island,
in the Municipality of Temagami, Ontario**

Prepared For
Kilbourne Murgel Cottage

April 18th, 2025

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1.0 Introduction

BAE Environmental was retained to complete a Site Specific Addendum to the previously prepared Environmental Impact Study (EIS) completed September 21st, 2024. The purpose of the Site Specific Addendum is to update findings on the presence of and potential impacts to the natural heritage features and functions to support a proposed severance application for NP-8671, Lot 188, Strathcona or Forestry Island, in the Municipality of Temagami, Ontario (Site). The Addendum was completed to further meet the requirements under the Provincial Policy Statement (PPS) (2020), sections 7.1, 7.3, Municipality of Temagami Official Plan (2013), Fisheries Act (1985), Fish and Wildlife Conservation Act (1997), Endangered Species Act (ESA) (2007), Migratory Birds Convention Act (1994) and other relevant legislation and policies.

Previous EIS findings with the recommended the 30m setback (page 20 Sept 24, 2024 EIS) were based on Provincial Standards and previous EIS studies concentrated in more southerly areas of the Province.

2.0 Background

The property is currently zoned Remote Residential (R2). Two 0.787ha lots are proposed to be severed from the one 1.574ha lot described as NP-8671, Lot 188, Strathcona or Forestry Island, in the Municipality of Temagami (Figure 1).



Sketch for severing Lot 188, NP-8671 into 2 equal lots of 0.787 ha and proposed septic/well locations.

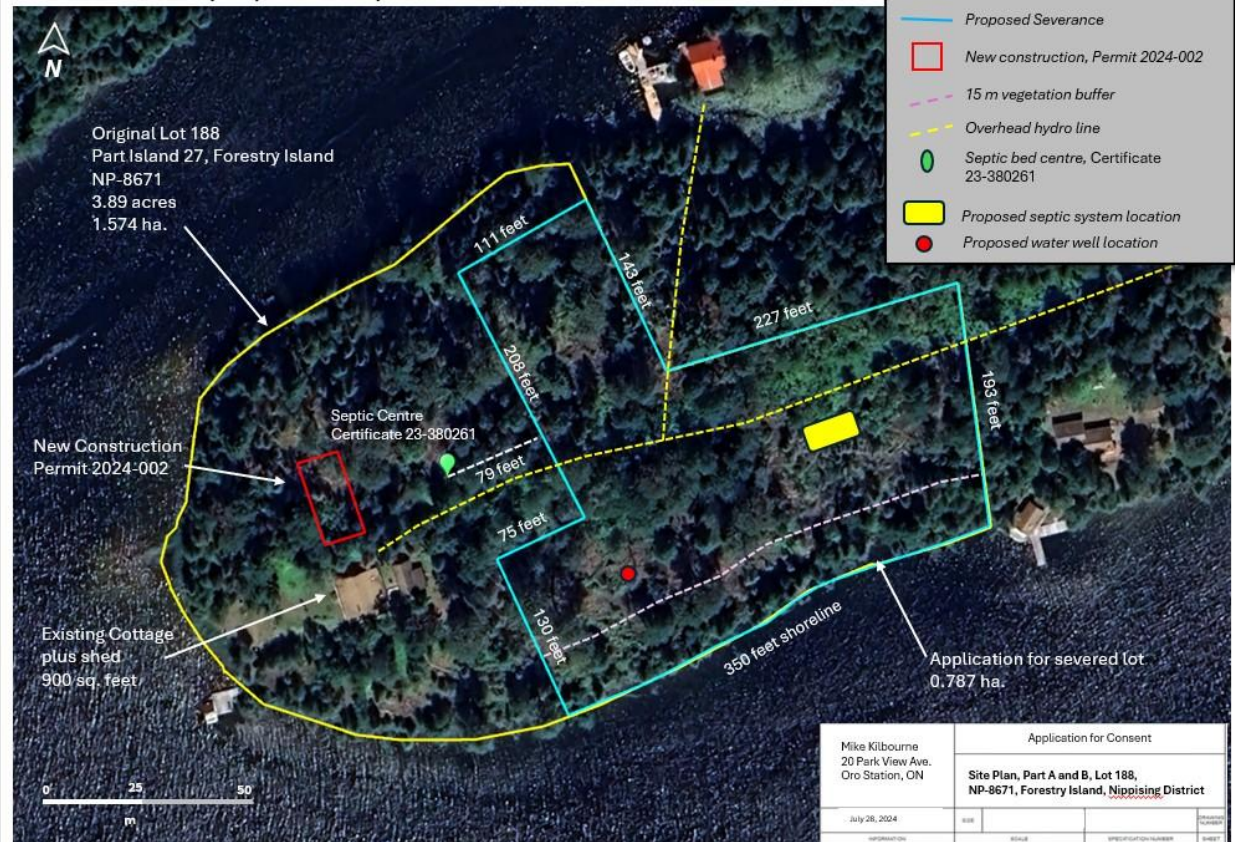


Figure 1. Proposed lot severance configuration.

The property is bounded by Portage Bay of Lake Temagami to the south, west and north. A seasonal cottage property is adjacent to the northeast and east. There is one existing seasonal cottage located on the west-central portion of the subject property. There is also a newer cottage under development (Permit 2024-002) just north of the existing seasonal cottage.

Field investigations were previously carried out on October 14, 2023, February 17, May 29-30 and July 28-31, 2024. Mitigation measures were recommended particularly for concern of the Blanding Turtle in the previous EIS dated September 21, 2024.

3.0 Additional Data Regarding the Blanding Turtle

Additional data was obtained from the Ministry of the Environment, Conservation and Parks, Environment and Climate Change Canada – Species at Risk Act and the Ontario Reptile and Amphibian Atlas. The following points and mapping have confirmed that the potential threat to the Blandings Turtle on or near the Site is relatively negligible and non-existent.



- A) The Blanding Turtle favours relatively eutrophic (swampy) environments, with shallow water (less than 2 m deep), soft organic substrate, and abundant submergent, floating, and emergent vegetation. The Site is predominantly shallow bedrock with outcrops and no silt substrate.
- B) Blandings Turtles are not identified on the attached Environment and Climate Change Canada – North American Range of Blandings Turtle Map, in the area of Temagami, and only identified well south of the area (Figure 2).
- C) Blandings Turtle sightings have not been identified on the attached Toronto Entomologist Association, Ontario Reptile and Amphibian Atlas, in the area of Temagami, and only identified well south of the area (Figure 3).
- D) The Site is located on Portage Bay, Lake Temagami. Portage Bay is considered heaviest watercraft traveled route in the whole of Lake Temagami. Watercraft in Portage Bay comes from several sources, including, but not limited to:
 - 1) Numerous cottages and homes in Portage Bay with boat access only.
 - 2) A provincial park with numerous boat slips across from the Site with boating being a main activity of campers.
 - 3) A large marina (Temagami Marine) with 100's of boats and boat slips. The marina provides access to Portage Bay, the town of Temagami and the majority of the Northeast Arm.
 - 4) A public dock in the Town of Temagami which promotes watercraft launching and boating activities.
 - 5) Twenty boat houses for rent which are constantly using Portage Bay for access to the Northeast Arm.
 - 6) The resort of Temagami Shores promoting summer activity that includes boating.
 - 7) A float plane that utilizes Portage Bay for landing and take-off several times day.
 - 8) Portage Bay provides the only watercraft access to the town of Temagami from the Northeast Arm for those needing supplies.

The Site and the local waterways are not conducive to Blandings Turtles habitat, nesting or migration (Figure 4).

Conclusion

In light of the additional data the potential threat to the Blandings Turtle or any other species at risk on or near the Site is relatively negligible and non-existent.

It is the opinion of the undersigned that a 15m setback is more than sufficient to meet the requirements under the Provincial Policy Statement (PPS) (2020), sections 7.1, 7.3, Municipality of Temagami Official Plan (2013), Fisheries Act (1985), Fish and Wildlife Conservation Act (1997), Endangered Species Act (ESA) (2007), Migratory Birds Convention Act (1994) and other relevant legislation and policies.



The proposed severance with a 15m setback will be consistent with the Municipality of Temagami Official Plan and Provincial Policy Statement (2020), specifically Section 2.1 as it relates to natural heritage features and areas.

Respectfully Submitted,
BAE Environmental



Brian A. Emms, C.E.T.
Senior Env. Technologist

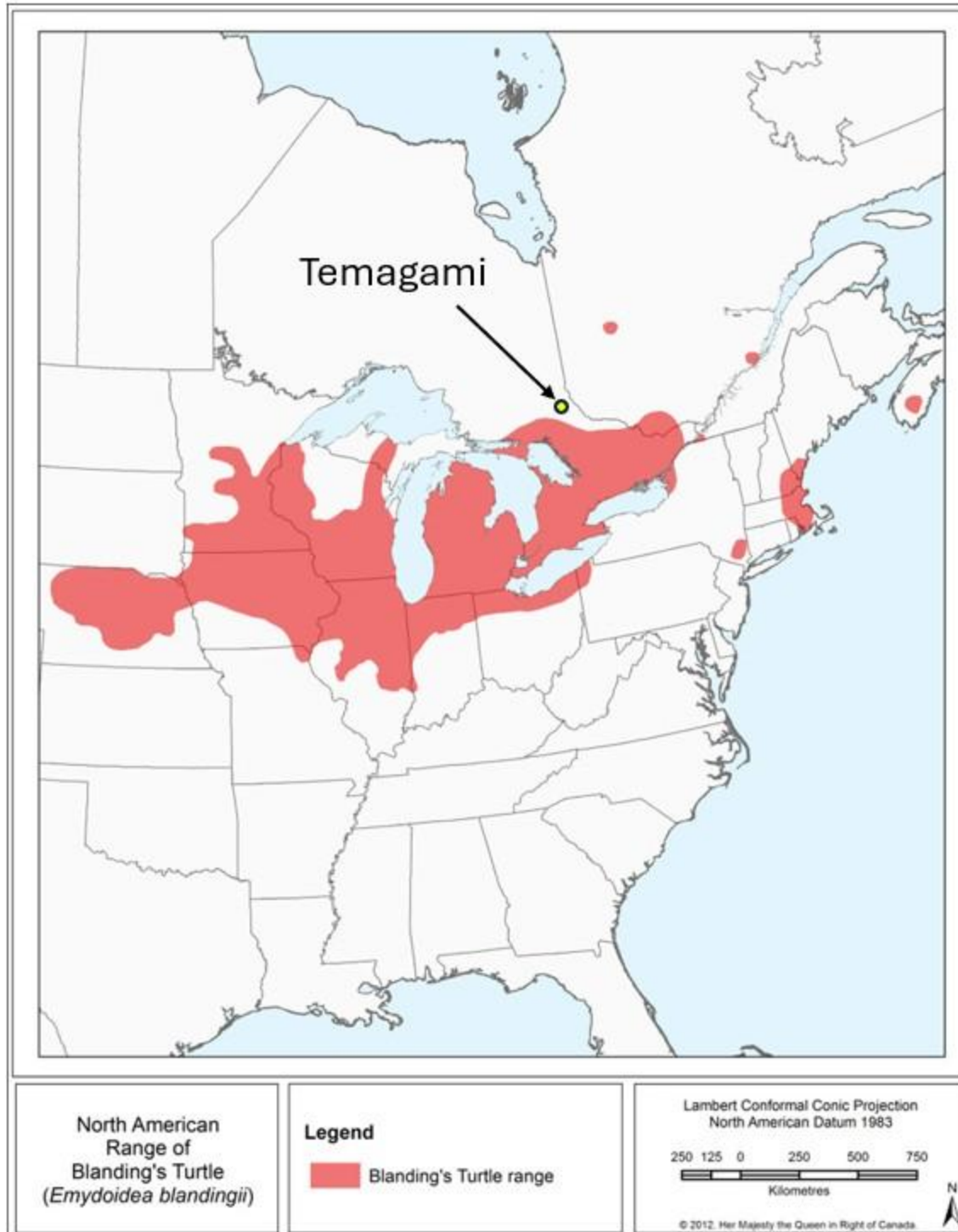


Figure 2. North American range of the Blanding's Turtle. (Source <https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/recovery-strategies/blanding-turtle-proposed-2016.htm>.)

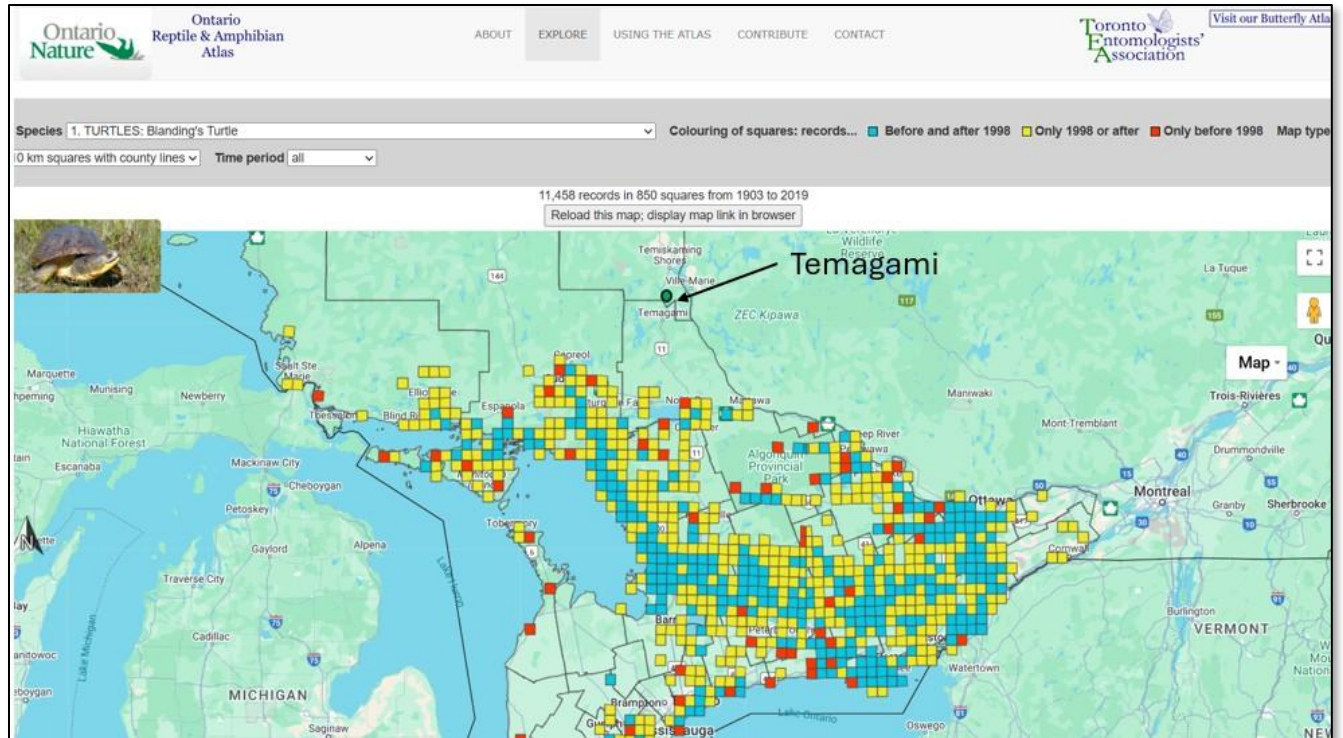


Figure 3. Ontario and Reptile & Amphibian Atlas. (Source [ON Reptile & Amphibian Atlas](#)).



Figure 4. Watercraft source areas of travel in Portage Bay, Lake Temagami.