

Mitigation Measure List

The following mitigation measures are recommended following from Azimuth's Environmental Impact Study - 1500 Sandy Bay Road, Town of Penetanguishene (March 2023), in combination with refinements from Peer Review comments from WSP Canada, Inc.:

- Timing Window: Vegetation removals should occur between October 1 and March 31 in accordance with the "Treed Habitats (Maternity and Day Roosts)" section in MECP (2022a), to avoid the bat active season, to avoid impacts to Endangered bats protected under the *Endangered Species Act*, 2007, as well as nesting birds protected under the *Migratory Birds Convention Act*, 1994 and *Fish and Wildlife Conservation Act*, 1997 (*i.e.* avoid the active season for birds and bats between April 1 – September 30);
- Minimize the extent of tree clearing on lots Part 1, Part 2 and Part 3 to the extent possible given the needs for space for a future single-detached dwelling, accessory structures, septic bed, amenity spaces, *etc.*;
- Direct roof downspouts to areas of lawn to promote on-site infiltration;
- At the time of future development (site plan/building permit approval stage) prepare an Erosion and Sediment Control Plan (ESCP) according to best management practices for approval by the Town, to ensure sediment does not enter the adjacent wetlands during construction. Erosion controls should remain in place until areas of exposed soils are stabilized (grassed or otherwise managed);
- Install additional permanent physical boundary markers along the property lines of severed lots (*i.e.*, Part 1, Part 2 and Part 3) that abut retained natural areas. Boundary markers should be installed in such a way as to ensure that the precise edge of the retained parcel and its natural features is clearly defined, and should be sufficiently numerous and sufficiently visible to avoid accidental encroachment in the future.
- Follow the Clean Equipment Protocol for Industry (Halloran *et al.*, 2013) during construction and tree clearing to mitigate the spread of invasive species to the site.
- Complete an Invasive Species Management Plan to be approved by the Town at the time of proposed development.

References

Halloran J., Anderson H., and Tassie D. 2013. Clean Equipment Protocol for Industry. Peterborough Stewardship Council and Ontario Invasive Plant Council. Peterborough, ON.