

EXECUTIVE SUMMARY

The Township of Madawaska Valley is located in the western portion of Renfrew County and operates one (1) waste disposal site (Bark Lake) and two (2) transfer stations (Wilno and Combermere) to service the waste management needs of the Township. Two other waste disposal sites (Barry's Bay and Paugh Lake) exist, but neither is currently operating.

The Township of Madawaska Valley is currently operating on an emergency status basis with respect to waste management within the Township. The Township of Madawaska Valley initiated a Waste Management Strategic Plan to address the waste management needs of the Township over a 25-year planning horizon to the year 2030. The purpose of the Waste Management Strategic Plan is to develop a long-term solution for municipal solid waste management that is technically sound, maintains fiscal responsibility, and is inclusive of public opinion.

The Madawaska Valley Waste Management Strategic Plan is governed by the Ministry of the Environment through the Environmental Assessment Act on a procedural basis, and the Environmental Protection Act on a technical basis.

The Madawaska Valley Waste Management Strategic Plan is being conducted in accordance with Section 6 (1) of the Environmental Assessment Act and will include an evaluation of "Alternatives to the Undertaking". In accordance with the Environmental Assessment Act, a Terms of Reference was developed to guide the project through to completion. The Terms of Reference provides a framework and methodology for the preparation and execution of the Waste Management Strategic Plan and is utilized as a directive tool providing a scope to the process.

The Township of Madawaska Valley has identified different methods for the implementation of the identified "Alternatives to the Undertaking" which will be explained in detail throughout this report. The "Alternatives to the Undertaking" were evaluated based on a wide range of criteria including the natural environment, socio-cultural environment, technical and built environment, and economic environment. The "Alternatives To" were presented in the Terms of Reference and are:

- Waste diversion.
- Landfill.
- Waste exportation outside of the Municipality.
- Waste incineration.

- Do nothing.
- Other alternatives.

The Township, with the assistance of SGS Lakefield Research Limited, completed a document titled, *General Work Plan for Initial Studies for Environmental Assessment*. The document was intended to provide a general approach for the completion of initial studies that would satisfy the objectives outlined in the Terms of Reference. The Township has concluded the General Work Plan studies which resulted in the identification of the methods that were potential candidates for the “Preferred Alternative to the Undertaking”. The identified methods require further study as part of the detailed study phase of the process. The following “Alternatives to the Undertaking” have been carried over to the detailed study phase for further analysis:

- Waste diversion.
- Expansion of Bark Lake waste disposal site.
- Development of a new waste disposal site.
- Waste export outside of the Municipality.
- Do nothing.
- Other alternatives.

This Detailed Work Plan presents the methodology used to conduct the initial studies in the General Work Plan, a general summary of the information collected as part of the General Work Plan, an overview of the further studies proposed in the Detailed Work Plan, and future work and next steps in completing the Environmental Assessment following the completion of the Detailed Work Plan. The data and information gathered through the Detailed Work Plan will provide the basis for the selection of the “Preferred Alternative to the Undertaking”.

Respectfully submitted by,

SGS LAKEFIELD RESEARCH LIMITED
Environmental Services

Tyler H. Peters, P.Eng.
Project Manager

Cara Holtby, B.A.
Environmental Technologist