



# Michalski Nielsen

ASSOCIATES LIMITED

## Services Offered

When founded in 1983, the firm described its role in relation to four cornerstones of service: environmental planning; biophysical analysis; lake capacity assessment; and resource management. While the range of services we offer today has expanded, they can still be described in relation to these four cornerstones.

### Environmental Planning

Meeting the requirements of the planning process is vital to the success of any project. We provide expertise in:

- environmental approvals;
- ecological based, or ecosystem planning;
- evaluating resource significance;
- assessing site potentials and constraints;
- environmental policy development;
- fisheries mitigation and compensation;
- environmental assessments;
- providing evidence before the Ontario Municipal Board and Courts; and
- peer reviews.



### Biophysical Analysis

Understanding the natural environment is the first step for us on virtually all projects in which we are involved. Our professionals have the experience to fully characterize a site, and evaluate its features in relation to the broader landscape. We provide specific expertise in:

- aquatic habitat and fisheries assessments;
- Species at Risk evaluations;
- benthic invertebrate studies;
- water quality evaluations;
- sediment quality studies;
- limnology;
- forest and woodlot inventories and evaluations;
- tree inventories/surveys;
- wetland evaluations;
- wildlife assessments;
- evaluation of physiographic and soil conditions; and
- site development capability analysis.



## Lake Capacity Assessment

The understanding of lakes, rivers and streams, the physical, biological and chemical processes which affect them, and the relation of shoreline and recreational development to these attributes, is an area where Michalski Nielsen Associates Limited has very specific technical expertise.

It includes:

- shoreline development studies;
- lake capacity analysis;
- water quality modelling;
- stream assimilation analyses; and
- recreational boating evaluations.



## Resource Management

Understanding the relationship between the natural environment and land use activities is critical. Our experienced team has a proven track record in this area, including:

- environmental impact studies;
- landscape and wetland rehabilitation;
- site naturalization and woodlot management;
- lake and stream rehabilitation;
- aquatic toxicology;
- wildlife management;
- quality aspects of stormwater management;
- environmental monitoring; and
- construction supervision of environmental projects.



## Service Spotlights

In the services sector, it is very important to understand one's clients, and the specific needs of their projects. The firm provides expertise to a broad range of clients. The following is a partial list of some of the specific types of planning and development projects in which we are involved:

- golf course development;
- resort and recreational facilities;
- residential development;
- road projects;
- municipal services;
- water power;
- aggregate extraction;
- property severance; and
- commercial and institutional development.

