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Community-Based Education Program



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Promotional Copy

4243 Kennisis Lakes Shoreline Inventory Project: Phase Two

Organization Information

In the summer of 2004, the members of the Kennisis Lake Cottage Owners Association (KLCOA) endorsed a proposal from the Lake Steward to form a Steering Committee to develop a Lake Plan. The Lake Plan was completed in 2007 and endorsed by the KLCOA and Dysart et al, the municipality. The Lake Plan identified a number of priorities through community consultations. The volunteer Steering Committee continues to address these priorities through project initiatives

The purpose of the Kennisis Lake Plan is to recognize and protect the unique character of the watershed. Ways to ensure the long-term protection, maintenance and restoration of natural, social and physical features of the watershed are recommended in the plan.

A lake plan website (<http://www.kennisis.ca/index.htm>) contains background and documents / tools for implementation of the Lake Plan.

Project Information

In order to assess and monitor the impact of development on lake quality a process was needed to classify shoreline types related to their impact on the water quality. A previous project developed a method to inventory and classifies the lake's shoreline so that changes to the shoreline can be documented over time and the connection to water quality can be monitored. The current project would perform an inventory of the shoreline on the Kennisis Lakes using the previously developed classification method.

Benefit to the Community

This project will provide the KLCOA and the Municipality with information about the overall status of the shoreline health on the Kennisis Lakes. It will also creating a baseline of information for the lakes for future monitoring.

Potential Learning for the Student

Students involved in this project will review the recently developed "Shoreline Classification System" and provide recommendations or areas for improvement.

Students will determine the best way to perform a shoreline inventory of the Kennisis Lakes – from the water, from land or from aerial photos or a combination of these.

Using the "Shoreline Classification System" an inventory of the Kennisis Lakes will be performed by individual property.

The end product of this project will be a report including a review of the implementation of the "Shoreline Classification System", a summary of the results of the inventory (including a data base or spreadsheet of data) and observations and recommendations for future work.

Also Students will:

- 1) Obtain a sense of the importance that shorelines play in local environments.
- 2) Watershed ecology
- 3) Owners issues with stewardship vs. regulations

Resources Required for Project Provided by Host

Host: photocopying, office supplies, long distance phone calls

U-Links: The cost of a rental vehicle **OR** reimbursement for fuel (student owned vehicle) to travel to and from Haliburton County for up to **four (4)** visits.

All costs for transportation beyond the four visits, including rental and fuel costs, as well as fuel costs for project related travel within the county are the responsibility of the host organization.

Screening or Training Requirements

None

Skills that Would Be an Asset to the Student(s)

- Secondary Research Skills
- Analytical Skills
- GIS/Mapping
- Report Writing