



**Lakelse  
Watershed  
Society**

RR#4 S-9 C-10 ♦ Terrace, BC ♦ V8G 4V2 ♦ Tel.: (250) 798-9500 or (250) 798-2589

## Shoreline Erosion Questionnaire

The Lakelse Watershed Society (LWS) was recently formed by a group of citizens concerned about the amount of *Elodea canadensis* in Lakelse Lake. LWS interests have expanded to include other issues such as loss of property due to shoreline erosion and lake water quality concerns. To gain a better understanding of the lake system, LWS would like to document any changes you have noticed along your shoreline. The results will be compiled and available to residents by contacting LWS (identities of respondents will remain confidential). Please take a few minutes to answer the following questions. (Returned questionnaires will be entered in a draw to win a copy of: *On the Living Edge, Your Handbook for Waterfront Living.*)

Thank you,

Lakelse Watershed Society

**Name:**

**Phone:**

**E-mail:**

**House Address & Lot number:**

Summer resident  Year round resident  Number of years at this address \_\_\_\_\_

### 1. Check any of the following boxes that best describe your waterfront property:

- |   |   |
|---|---|
| <input type="checkbox"/> Lawn                 | <input type="checkbox"/> Rocky                    |
| <input type="checkbox"/> Sand                 | <input type="checkbox"/> No shrubs or trees       |
| <input type="checkbox"/> Woody debris         | <input type="checkbox"/> A few shrubs             |
| <input type="checkbox"/> Soft slope           | <input type="checkbox"/> A few trees              |
| <input type="checkbox"/> Steep slope          | <input type="checkbox"/> Many shrubs              |
| <input type="checkbox"/> Log breakwall        | <input type="checkbox"/> Many trees               |
| <input type="checkbox"/> Concrete breakwall   | <input type="checkbox"/> Creek outlet on property |
| <input type="checkbox"/> Many aquatic plants  | <input type="checkbox"/> Wood dock                |
| <input type="checkbox"/> A few aquatic plants | <input type="checkbox"/> Concrete dock            |
| <input type="checkbox"/> No aquatic plants    |   |
| <input type="checkbox"/> Other:               |   |



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**2. Have you noticed any of the following naturally-occurring changes to your shoreline during the time you have lived on this property?**

- |  |  |
|--|--|
| <input type="checkbox"/> Loss of shoreline property                      | <input type="checkbox"/> Increase in shoreline property                |
| <input type="checkbox"/> Loss of terrestrial shoreline vegetation        | <input type="checkbox"/> Changes in terrestrial vegetation <i>type</i> |
| <input type="checkbox"/> Loss of aquatic vegetation                      | <input type="checkbox"/> Changes in aquatic vegetation <i>type</i>     |
| <input type="checkbox"/> Increases in wave activity along your shoreline |  |
| <input type="checkbox"/> Other:  |  |
- 

**3. If you have experienced loss of shoreline property, what would you estimate the yearly loss at?**

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**4. What factors do you feel have had the greatest influence on changes to your shoreline?**

- |  |  |
|--|--|
| <input type="checkbox"/> Wave action due to boat traffic | <input type="checkbox"/> Wave action due to high winds |
| <input type="checkbox"/> Ice break-up and ice movement   | <input type="checkbox"/> High water levels             |
| Other:   |  |
- 

**5. During the winter, does ice movement affect your shoreline property in any of the following ways:**

- |   |   |
|---|---|
| <input type="checkbox"/> Pushes mountains of ice ashore | <input type="checkbox"/> Damages trees and shrubs |
| <input type="checkbox"/> Damages docks and breakwalls   | <input type="checkbox"/> No effect                |
| Other:  |   |
- 

**6. Have you noticed any changes in the lake levels during the time you have lived here?**

- |   |   |
|---|---|
| <input type="checkbox"/> Generally the same | <input type="checkbox"/> Fluctuates from year to year |
| <input type="checkbox"/> Increasing         | <input type="checkbox"/> Decreasing                   |

Comments:

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**7. As part of the Lake Management Planning process, a list of priority concerns were generated by the LWS. How would you rate importance of the LWS concerns list?**

- |   |                               |                                 |                              |
|---|-------------------------------|---------------------------------|------------------------------|
| a. <i>Elodea</i> (aquatic plant) growth and its impact on the ecosystem | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| b. fish sustainability (particularly Sockeye)                           | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| c. forestry and the potential impact of future logging                  | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| d. shoreline modification and erosion                                   | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| e. sediment increases due to stream modification                        | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| f. water level changes and effects                                      | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |
| g. drinking water quality   | <input type="checkbox"/> high | <input type="checkbox"/> medium | <input type="checkbox"/> low |

**8. Do you have any concerns that have not been included in the LWS list? If so please list below:**

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*Thank you for taking the time to fill out this questionnaire.*

**Please mail, fax or arrange for pick-up or drop-off of your completed survey to:**

**Lakelse Watershed Society  
RR#4 S-9 C-10  
Terrace, BC  
V8G 4V2**

**Fax: 798-2589**

**Phone: Edna at 798-2589 to arrange for a drop-off or pick-up of the survey**

**Or drop-off your survey at the Lakelse Watershed Society AGM!  
Saturday, August 23, 2003  
10:00 a.m.  
Mount Layton Hot Springs**