



Lake Simcoe Water Quality Improvement Program
 c/o Lake Simcoe Region Conservation Authority
 120 Bayview Parkway, PO Box 282
 Newmarket, Ontario L3Y 4X1 (905) 895-1281

Streambank Erosion Control

Name: _____ Date: _____

EXISTING CONDITIONS

Where is the erosion occurring? swale/ditch stream bank adjacent to a watercourse

Type of erosion: sliding undercut gully slumping

Extent of erosion: length: _____ ft or _____ m width: _____ ft or _____ m

Distance of erosion from watercourse/drain: _____ (m) or swale/ditch: _____ (m)

Streambank slope: low (0-2%) med (2-10%) steep (>10%)

(Note: 3% slope represents a 3 foot rise in a hundred feet length)

Have you or previous landowners tried to control the erosion in the past? Yes No

If yes, please describe past work done: _____

Is the erosion problem limited to your property? Yes No

What is the average water depth near the eroding area? _____ (m) Width? _____ (m)

What type of soil is found on the streambank or lakeshore?

sand clay silt other _____

Is the bank well vegetated (please tick all that apply)?

grass trees shrubs other _____

Is this site prone to flood, or subject to heavy ice flows? Yes No

Is your property on a farm? Yes No

If yes: Do livestock have access to the water body? Yes No

If no: Do you maintain a lawn up to the streambank? Yes No

Is there a building structure very close to the streambank? Yes No

Is there an existing retaining structure along the shore? Yes No

Has the watercourse been constricted immediately upstream or downstream of your property (ie: with culverts, bridges, etc)? Yes No Don't know

PROPOSED PROJECT

Please indicate what type of erosion control structures you are proposing to install:

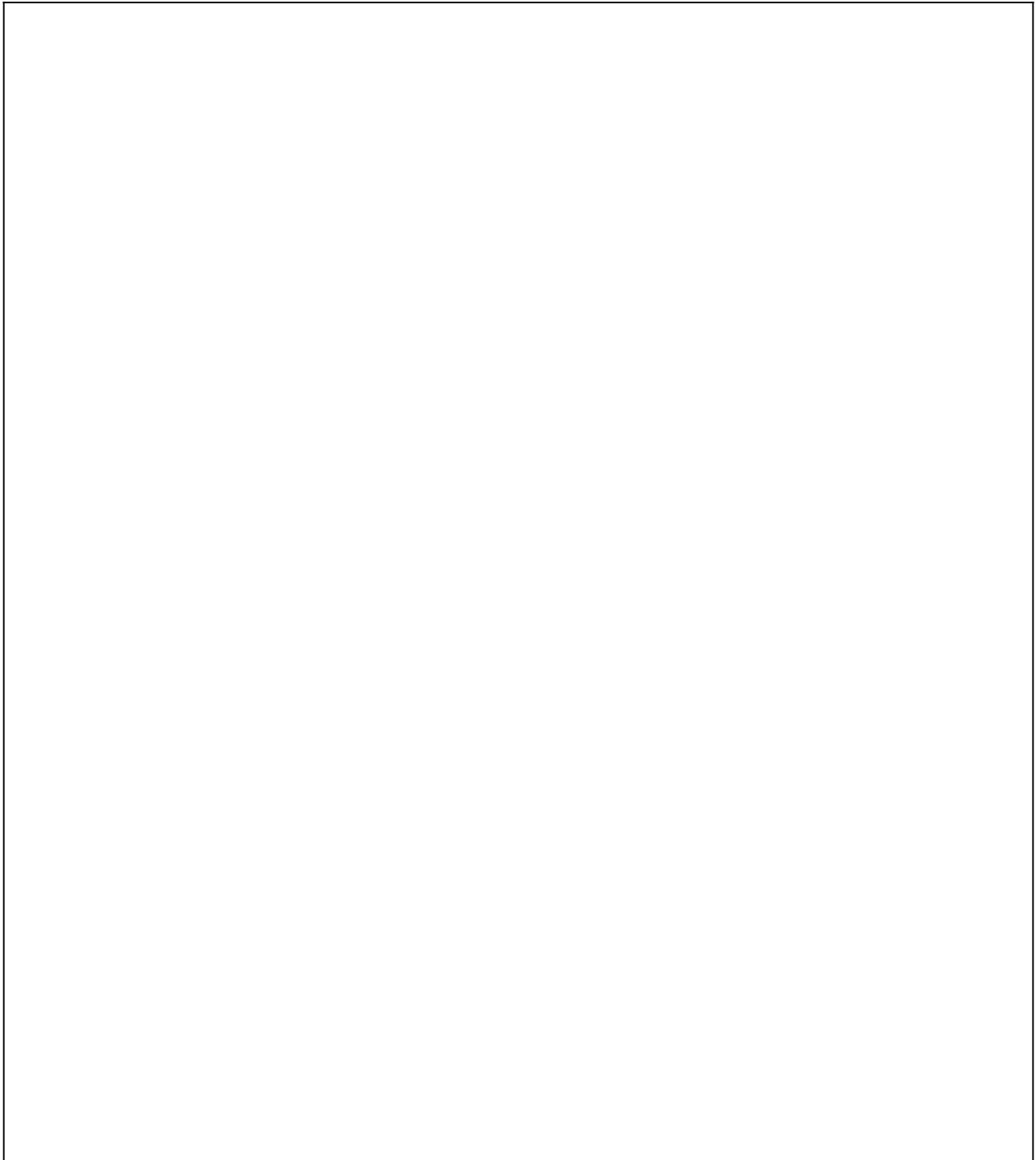
_____ stone (rip-rap) terracing and planting
 _____ planting of shrubs and trees culvert protection
 _____ bioengineering (describe below) other (describe below)
 _____ spillway drop structures

Describe how the proposed structure(s) will protect and improve water quality:

Estimated cost: _____

SITE PLAN

Provide a sketch of the proposed project site showing slope of the bank, streambank area and your current streambank management practices, erosion problems, and watercourses as well as the location of the proposed structures. Include any other information that you feel is important.

A large, empty rectangular box with a thin black border, intended for a hand-drawn site plan sketch. The box occupies the majority of the page below the text instructions.