



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

Cropland Erosion Control Structures

Name: _____ Date: _____

EXISTING CONDITIONS

Type of erosion: sheet rill gully

Type of crop/vegetation: _____
 other _____
 pasture, orchard,

Extent of erosion: _____ acres or _____ hectares _____

% slope on eroding area: low (0-2%) medium (2-10%) steep (>10%)

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

Soil texture: sand clay silt other

Drainage system: systematic tile _____ acres
 random tile _____ acres
 natural _____ acres

Distance of eroding area from: watercourse/drain _____ metres
 swale/ditch _____ metres

Management practices utilized:

- | | | |
|---|---|--|
| <input type="checkbox"/> cover crops (_____% cover) | <input type="checkbox"/> wind breaks | <input type="checkbox"/> forages |
| <input type="checkbox"/> livestock access restriction | <input type="checkbox"/> strip cropping | <input type="checkbox"/> intercropping |
| <input type="checkbox"/> reduced tillage | <input type="checkbox"/> residue management | <input type="checkbox"/> crop rotation |

PROPOSED PROJECT

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

_____ grass waterway _____ drop structures
 _____ water and sediment control basin _____ other (please describe below)
 _____ terraces

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

Outline cropping and tillage practices on the proposed project sites:

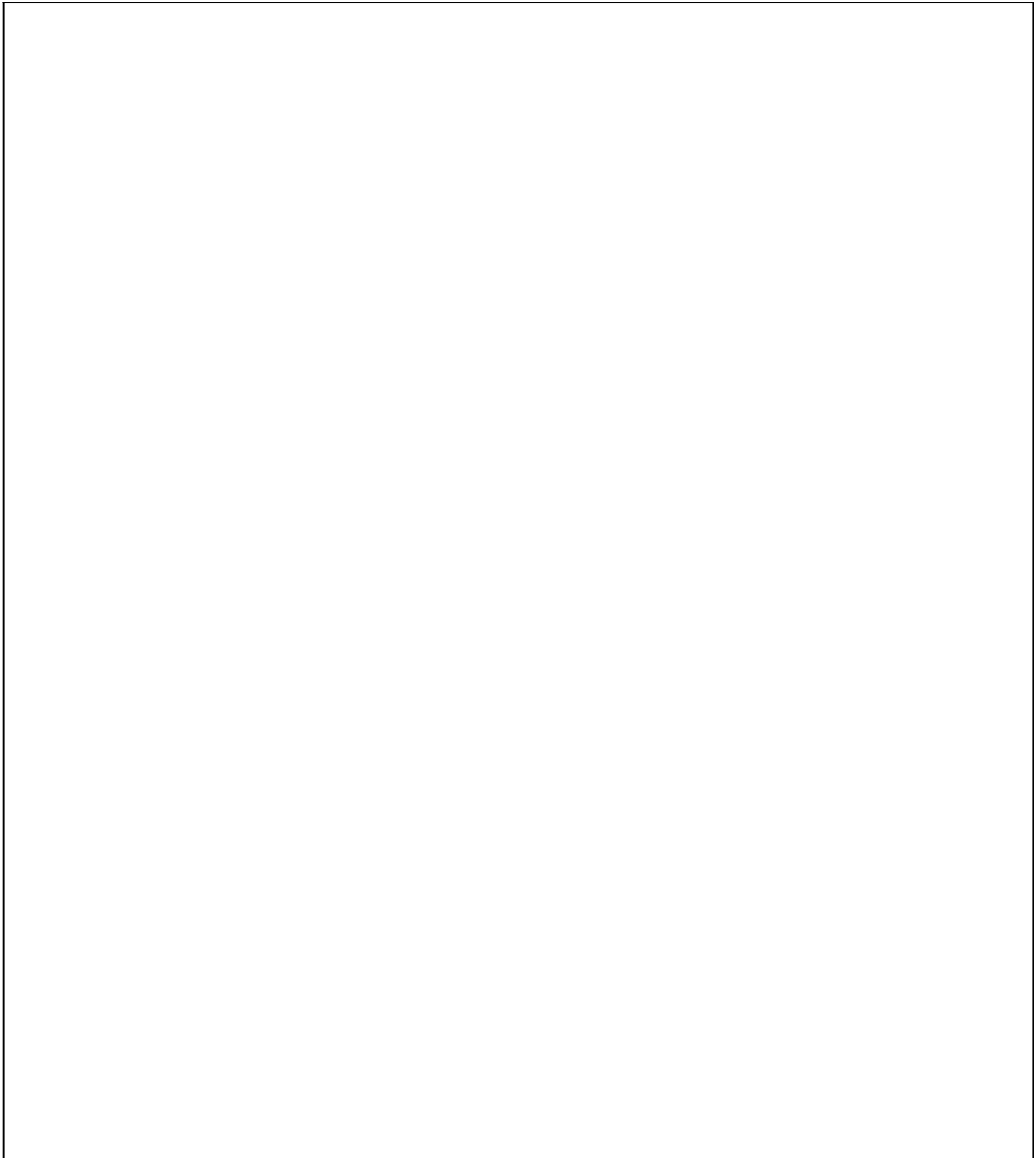
- conventional (_____% acres/_____% ha) conservation (_____% acres/_____% ha)

Estimated cost: _____

All projects must be constructed to the standards specified in the OMAF's Soil Erosion Manual.

SITE PLAN

Provide a sketch of the proposed project site showing slope of the fields, cropping practices, erosion problems, tile drains, catch basins 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. The box occupies the majority of the page below the text instructions.