

Water Quality Improvement Program

NON - POINT SOURCE PROGRAM

Applicant Name _____ Telephone _____

Mailing Address _____ Town _____ Postal Code _____

Project Location

County _____ Lot _____

Township _____ Concession _____

I Existing Operation

Indicate your farming operation _____ Cash Crop Livestock Greenhouse Other _____

If livestock farming, indicate, the number of animals (what type) _____

If cash crop, please indicate an average crop rotation _____

Please indicate what types of manure storage facilities are present on the farm? Solid Liquid Solid/Liquid Separation

At the present time, how many days of storage capacity is there on site? _____ (days)

II Field Practices

Indicate the area (in acres) under various farming practices: Cash crop _____ Pasture _____ Other _____

What are the main tillage practices on your farm? _____ No-till Conventional Tillage Contour Tillage

What are the main soil types and drainage on your property? (eg. clay, silty clay, clay loam, well drained, poorly drained, imperfect)

III Present Manure Application Practices

Describe the drainage system of your operation:

Natural drainage _____ acres

Random tile _____ acres

Systematic tile _____ acres

Open ditch _____ acres or length

Natural watercourse _____ acres or length

Is the manure:

custom spread? _____ Yes No

incorporated within 24 hours? _____ Yes No

spread on frozen ground? _____ Yes No

spread on slopes near an open drain? _____ Yes No

How often do you have to spread manure? _____ (times/year)

If you have a manure facility / storage, what is the approximate distance to the following:

i) catch basin _____ ii) ditch _____ iii) tile drain _____ iv) stream _____

Does manure runoff flow into a nearby catch basin, tile, ditch or stream? _____ Yes No Do not know

A) LIVESTOCK RESTRICTION

I Fencing

Name of the watercourse passing through your property? _____

Do livestock currently have access to the watercourse? _____ Yes No

What type of watercourse will be fenced? _____

1. River, stream or creek _____ Yes No

2. Municipal drain _____ Yes No

Will livestock be completely restricted from the watercourse? _____ Yes No

What is the total length of the watercourse to be fenced? _____

If both sides of the watercourse are to be restricted, what is the total length of fence required? _____

What type of fence do you intend to use?

Barbed wire Temporary Electric Page wire Permanent Electric High Tensile Other _____

What is the proposed power source for the fencing? Solar Electric (from barn) Wind Other _____

Average setback of fence from stream's edge _____ (m)

Estimated total cost of the fencing _____

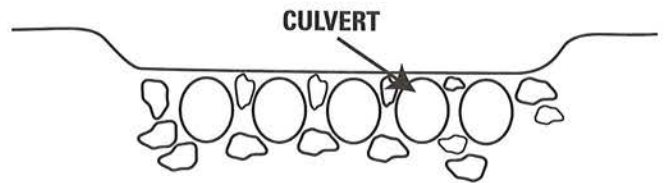
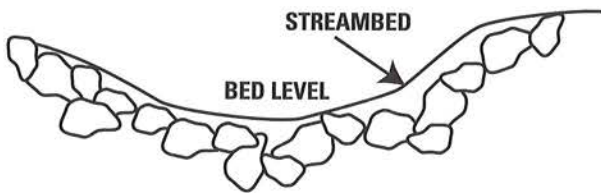
II Crossings

Would a crossing be required for your project? _____ Yes No

Please select the type of crossing proposed for the site

Type A

Type B



Diameter _____ Diameter _____

Length _____ Length _____

Stream width at crossing _____ Stream width at crossing _____

Type and Size of Rock _____ Number of Culverts and Material Type _____

What is the main use for the crossing: _____ Livestock Farm Equipment Truck and ATV

What time of the year will the crossing mainly be used: _____ Spring Summer Fall Winter

What time of year will the crossing be constructed? _____

Estimated total cost of crossing _____

III Alternate Watering System

Are alternate watering sources presently available (i.e. barn, well)? Yes No If yes, what type: _____

If no, what type of watering system do you intend to use?

From barn Solar pumping unit Nose pump Spring box Other _____

Estimated total cost of the watering system _____

Note: Sections II and III must be done concurrently with a fencing project to be eligible for funding.

B) MANURE MANAGEMENT

I Manure Storage Improvement

	Existing System	Proposed System
Type of Storage		
Dimensions of Storage		
Number of Days Storage		
Number of Livestock		

What is the reason for improving your manure storage? _____

Do you have eavestroughs on your barns? _____ Yes No

Does your barn roof or barnyard contribute water to the existing storage? _____ Yes No

If so, Area of Barn Roofs _____ Area of Barnyard _____

What is the distance of your manure pile to:

Tile _____ Catchbasin _____ Watercourse _____ Ditch _____ Well _____

What is the amount of straw bedding used (lbs/day): _____

II Milkhouse Washwater

How many milking cows do you have? _____

The average daily volume of washwater is _____ gallons or litres _____

Calculated by: _____ Water Meter _____ Sink Volume _____ Guess

Volume measurements include: _____ Presan _____ Wash _____ Rinse

Acid Rinse _____ Bulk Tank _____ Floor Wash _____ Other

Where does the washwater currently go? _____

C) CONSERVATION FARM PRACTICES

I Grass Waterways and Buffer Strips

Do you have an existing vegetative buffer along your watercourse? _____ Yes No

If yes, provide details _____

What is the approximate length of the watercourse / swale you wish to buffer? _____

Is the adjacent land currently being used for agricultural purposes? _____ Yes No

What is the upstream field area and agricultural practices _____

II Windbreaks

What is the purpose of the proposed windbreak? _____

Please select the number of rows for the windbreak _____ 1 2 3 4 5

What is the length and width selected for the windbreak? _____

What woody species are to be planted in the windbreak? Hardwood Trees Conifer Trees Native Shrubs

III Stream Stabilization (rock chutes, water control basins, spillways)

What type of watercourse is to be stabilized?

1. River, stream or creek _____ Yes No

2. Municipal drain _____ Yes No

3. Tile outlet _____ Yes No

Please explain the type of work to be completed _____

What are the erosion control measures to be taken for this project (eg. filter cloth, seeding, bioengineering, etc.) _____

Project Summary

Total estimated cost of the project _____

Total estimated of project grant _____

Total estimate of landowner contribution; Cash _____ In kind _____

Estimated start date for project? _____

Landowner Agreement for Non-Point Source Project

This agreement is to acknowledge that (name, please print) _____

I, the undersigned landowner, will ensure that the completed project will be managed to the best of my ability for the purpose of furthering conservation in the Niagara Peninsula for a period not less than 15 years. To the best of my knowledge, the information contained in this form which relates to the project and property is true and accurate.

Signature of Applicant _____

Date _____

The Niagara Peninsula Conservation Authority collects and uses your personal information pursuant to Section 29(2) of the Municipal Freedom of Information Act 1991, and under the legal authority of the Conservation Authorities Act R.S.O. 1990 as amended." Questions regarding the policy or its administration should be directed to: Niagara Peninsula Conservation Authority; 250 Thorold Rd. W., 3rd Floor, Welland, ON L3C 3W2, Attn. Privacy Officer.



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