

Agricultural Inventory for the Thunder Bay River Watershed

(Data form for farm operations within 1000 feet of surface water.)

Date:

Observer:

Stream:

1) LOCATION

County: Township: No.: Range: Section:
GPS Coordinates:
Property Owner:

2) FARM INFORMATION

Type of operation: Livestock Crops Orchard
Estimated size of farm: _____ acres
General topography: Flat Gently rolling Moderately rolling Steeply rolling
Estimated riparian frontage of farm: _____ feet

3) SITE INFORMATION

Soil type: Clay Organic Sand Loam
Stream Conditions:
 Approximate width of stream: _____ ft. Current: _____ fast _____ moderate _____ slow
Are there drains at this site? Yes No
Are there foreseeable risks to: surface water, groundwater, or wetlands from the farm site?

4) APPARENT POLLUTANT SOURCES

Unrestricted Livestock Access to Water
 Approximate length of access: _____
Crop production adjacent to water (poor buffer/filter strip)
 Approximated length of production area along waterway: _____
 Distance from crops to water: _____ Type of crops: _____
Feedlot runoff
 Size of feedlot: _____ Proximity to waterway _____ ft Slope _____
Manure storage area runoff
 Size of area: _____ Proximity to waterway _____ ft Slope _____
Manure application within 150 feet of a waterway
Poor storage of fertilizer/pesticides
Other (please describe, such as oil & gas operation, silage runoff, milking parlor runoff, mining, farm road runoff, etc.): _____.

5) RECOMMENDED TREATMENT

- a. Exclusion Fencing
 Total amount of fencing (for both sides of stream, if necessary) needed: _____ ft
- b. Livestock crossing/livestock access
- c. Alternate water source
- d. Riparian buffer/filter Strip
 Width of buffer strip recommended: _____ ft Length of buffer strip: _____ ft
- e. Fertilizer/pesticide storage
- f. Erosion control structures: _____
- g. Animal waste facility
- h. Feedlot diversion and water retention basin
- i. Other: _____

6) SEVERITY OF SITE

Slight Moderate Severe

7) PERCEIVED LEVEL OF COOPERATION FROM LANDOWNER (if known)

Very willing to implement BMPs Somewhat willing Unwilling Unknown

Please sketch map of site, showing direction of runoff, proximity to waterbody, and noting any site-specific concerns.

Additional notes for treatment (cost estimate):