

WATER QUALITY

- color: clear / slightly turbid / very turbid
- temperature _____

TYPE AND QUANTITY OF POTENTIAL POLLUTANTS FROM DRAINAGE AREA

(check all those that apply)

- lawns, landscaped areas or gardens where fertilizers and pesticides are used
- land intensively cropped with exposed soil at certain times of the year
- commercial fertilizer
 - manure
 - lime, wood ash
 - pesticides
- grazing animals use the drainage area
 - grazing animals have access to the stream. They are allowed free access / restricted access.
- parking lots and roads are sending runoff into the stream
- steep slopes drain down to the stream
- sensitive fisheries present
- plant or animal species of concern present
- stream/river is used for swimming or boating
- stream/river is a source of drinking water
- a well is located near the stream/river
- construction is underway or planned in the drainage area. This is for uses with
 - low impact potential (parks, low density residential)
 - high impact potential (urban/commercial development)

LANDOWNER'S PRIORITIES

- control erosion
- control human access
- restrict access by grazing animals
- control invasive exotics
- plant or encourage streambank buffer vegetation
- plant or encourage buffer vegetation at top of bank
- provide shade to stream (for streams 75' wide or less)
- remove large leaning tree(s) from soft riverbank if they threaten to pull bank material into the water (leave root system intact)
- grade to change channelized flow to sheet flow
- redirect drainage
- install stormwater management system
- connect with adjacent habitat

SOURCES OF ASSISTANCE

A professional can help you ask and answer questions about your land, choose and locate plant material, prepare a design, and look into possible sources of financial assistance. See the fact sheet on **Sources of Assistance**. See also the companion series for land owners:

The Challenge of Erosion in the Connecticut River Valley, Connecticut River Joint Commissions, 1998.

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