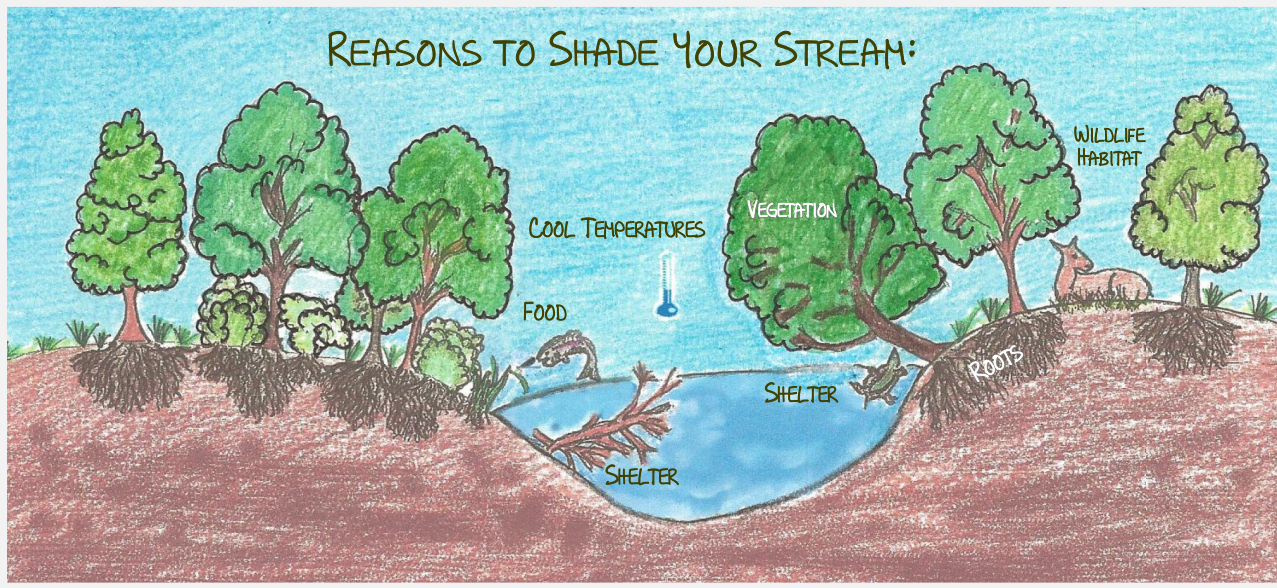


SHADE YOUR STREAM:

Lands adjacent to streams should ideally be covered by native trees, shrubs, and other plants

REASONS TO SHADE YOUR STREAM:



WHY IS SHADING IMPORTANT?



Water Quality:

Vegetation along stream banks keeps soil, pesticides, and fertilizers from getting into the stream.



Roots:

Roots anchor the soil, reduce flood damage, and take up excess fertilizers.



Food & Shelter:

Leaves and branches provide food and shelter for insects, fish, and other aquatic life.



Water Flow:

A healthy shaded stream slows down water, which helps to maintain stable stream banks and protects downstream property.



Cool Temperatures:

Shade keeps the water cool, allowing fish and aquatic life to thrive.



Wildlife Habitat:

Shaded streams provide valuable habitat for wildlife.

Protect the land you paid for, don't let it wash away!

NATIVE PLANTS FOR SHADING:

Native plants are an essential part of the food web that supports our local ecosystems.



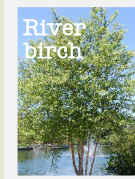
Rhododendron



Silverbell



Winterberry



River birch

OTHER SUGGESTIONS:

- Black cherry
- Silky dogwood
- Sycamore
- Spicebush
- Alder
- Paw-paw
- Black Willow



Big bluestem

AVOID INVASIVES:

Invasive plant species can harm your stream because they crowd out native plants that are beneficial for aquatic insects and fish.



VALUABLE RESOURCES:

www.shadeyourstream.org



www.nceep.net



Land Trust for the Little Tennessee

www.ltl.org

Phone: 828-524-2711

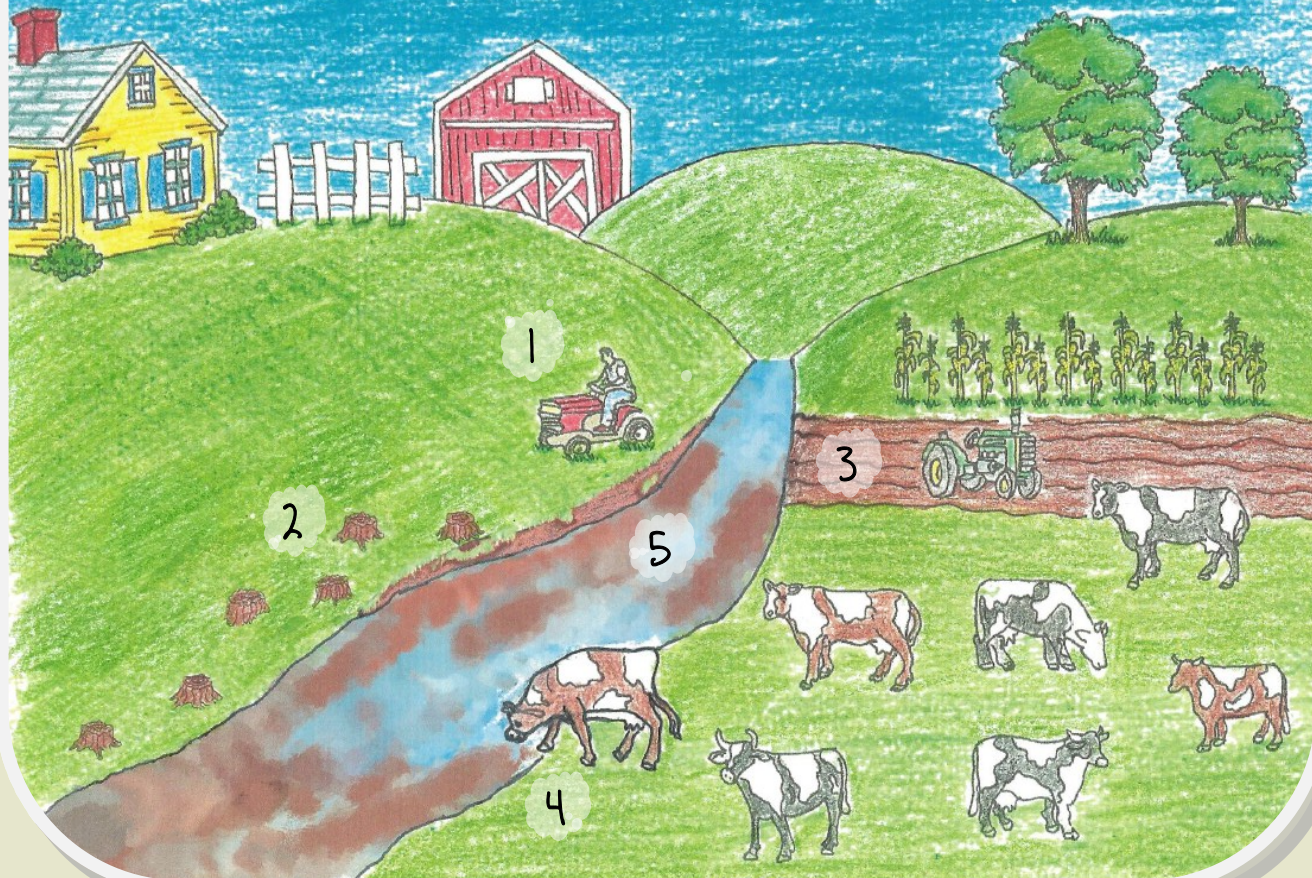
Fax: 828-524-4741






SHADE YOUR STREAM

Cool Water, Clean Water

Protect your property from erosion and your stream from pollution!





WHAT SHOULD I AVOID?



-  1 Mowing directly up to the stream bank.
-  2 Removing streamside shrubs, trees, and other vegetation.
-  3 Farming up to the edge of a stream.
-  4 Allowing livestock direct access to the stream.
-  5 Straightening sections of stream (channelization).

WHAT SHOULD I DO?



-  1 Protect, or plant, native shrubs, trees, or other vegetation along stream banks to help prevent bank erosion, trap sediment, and filter out pollutants.
-  2 Fence livestock away from streams to avoid damage to stream banks and existing plants.
-  3 Contact your local **Soil and Water Conservation District** for information on its cost-sharing program to help you pay for well installation, fencing for livestock, and other best management practices.
-  4 Keep natural meanders in the stream to prevent erosion and loss of stream habitat.