



Caring for the “Natural State”

CARING FOR STREAM BANKS

The vegetation growing along a stream bank is known as a riparian zone. Riparian zones play an integral role in protecting water quality and ecological integrity and diversity. They provide shade and food for aquatic habitat and trap and break down pesticides, fertilizers and other pollutants. Even partial removal can lead to severe erosion. Protection of streamside vegetation is critical to protecting our streams.

HERE'S WHAT WE CAN DO.

KEEP RIPARIAN ZONES AT APPROPRIATE SIZE:

The recommended size of a riparian zone depends on soil type; topography; vegetation type; precipitation; size of stream; and, land-use intensity. Contact one of the agencies listed on the back of this insert to determine the appropriate size for your stream bank.

REPLANT DISAPPEARING RIPARIAN ZONES:

- Select plants based on soil, slope, moisture and sunlight.
- Consider native plants first.
- Plant at appropriate time (typically dormant season).
- Protect newly planted trees and cuttings from
 - deer and beaver—spring and fall.
 - high water conditions.



HERE'S MORE **WE** CAN DO.

USE RIPRAP TO STABILIZE STREAM BANK AS A LAST RESORT:

Contact the Corps of Engineers,
Regulatory Office for advice and/or permit
(501) 324-5295

CONTROL EROSION:

If disturbing more than one acre of land,
make a storm water plan and obtain a
Storm Water Permit (required) from ADEQ
www.adeq.state.ar.us

SEEK ADVICE:

Arkansas Department of
Environmental Quality (ADEQ)
www.adeq.state.ar.us

Arkansas Game and Fish Commission
www.agfc.com

Friends of the North Fork & White Rivers, Inc.
www.friendsoftherivers.org

Army Corps of Engineers, Little Rock District
www.swl.usace.army.mil/offices/contact.html

Your County Cooperative Extension Office:

- Baxter County – (870) 425-2335
- Fulton County – (870) 895-3301
- Independence County – (870) 793-8840
- Izard County – (870) 368-4323
- Marion County – (870) 449-6349
- Stone County – (870) 269-3336



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