Project Focus
Five sub watersheds:
- West Sugarloaf Creek
- Middle Bear Creek
- Lower Bear Creek
- Cheatham Creek
- Sugar Orchard Creek
Project Goal
Encourage voluntary participation of Best Management Practices (BMPs) on 50% of pastureland (approximately 12,065 acres)

Planned Project Funding:
Federal: $127,749
Non Federal: $98,420
Total: $226,169
Accomplishments

39 farm/conservation plans were written during our project time. 31 were tied to contracts for cost-share.

<table>
<thead>
<tr>
<th>ITEMS IN PROJECT FOR FUNDING</th>
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<tbody>
<tr>
<td>Item</td>
</tr>
<tr>
<td>Farm Plans</td>
</tr>
<tr>
<td>Assistance with Farm Plans &amp; Return Visits</td>
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</tbody>
</table>
### Accomplishments

<table>
<thead>
<tr>
<th>Item</th>
<th>#of Acres</th>
<th>Total Reduction Of Sediment Loss</th>
<th>% Accomplished</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Farm Plans</td>
<td>7,809</td>
<td>23,505 tons</td>
<td>64.73%</td>
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**Actual Expenditures and Match**

Federal: $113,874.15  
Non Federal: $92,167.44  
Total: $206,041.59
BMPs Installed

Cross Fencing & Exclusion Fencing
6,903 feet

2724 feet of livestock exclusion fence was installed by operator who owns property along the banks
BMPs Installed

Watering Facilities, Heavy Use Areas & Pipelines

• 13 facilities installed
• 16 heavy use areas
• 16,313 ft. of pipeline
BMPs Installed

Before planting

After planting

Forage/Biomass Planting & Brush Management

• 356.4 ac planted
• 228.10 ac for brush management

Right: Brush management was used in this field to remove undesired species. Operator will establish desired forage to improve ground cover and provide livestock with forage. This will improve his rotational grazing system.
BMPs Installed

Ponds
9,482.4 CuYd

Left: Small area fed by a spring. Cattle utilized the area, and erosion was prevalent.

Right: The same area was developed into a pond; livestock was excluded by fencing. A freeze proof tank was installed on the backside.
Outreach

- sent out 12 quarterly newsletters throughout the project period
- 284 fact sheets were mailed to landowners in the project area
- Two field days highlighting the project were held on April 27, 2013 and April 12, 2014
- Highlighted on website www.boonecd.com
Those Aiding in the Project

- Boone County Conservation District
- Natural Resource Conservation Service
- Arkansas Natural Resources Commission
- US Environmental Protection Agency
Conclusion

Accomplishments

• Had several operators/landowners become first time customers of the District.

• Able to provide much needed cost share assistance in halting erosion due to the drought of 2012. With our project we were able to help establish much needed ground cover at a critical time.

• Operators are beginning to see the advantages and the ease involved in creating a rotational grazing system as a best management practice.

Lessons Learned

• In the planning stages, more of the watershed should have been included as the project area.

• Advertise as much as possible.
QUESTIONS?