



**RANDOLPH COUNTY  
CONSERVATION DISTRICT**

**ELEVEN POINT  
WATERSHED COST SHARE  
PROJECT**

**ANRC, EPA, RCCD, NRCS**

# The Problem:

- Listed on 303(d) list
- Organic enrichment causing depleted oxygen levels.
- Not sustaining the designated use for aquatic life because of low dissolved oxygen.
- Agriculture activities within the watershed are thought to be the major source of nutrient runoff in the watershed.

# Eleven Point River Watershed

## 2006 Land Use

Arkansaswater.org

- Forest: 61.7%
- Grassland: 33.4%
- Transitional: 4.0%
- Water: 0.6%
- Cropland: 0.5%
- Suburban: 0.2%
- Urban: 0.1%



# Eleven Point River 319(h) Project

Project Management:

Randolph County Conservation District

Project Cost: Total (\$328,460)

Federal (\$169,500) State/Local(\$158,960)

\$75,000 federal dollars made available to  
landowners for up to 40% cost share

# Eleven Point River 319(h) Project

- Goal: Improve land in the watershed
- Objective: Write 132 Conservation plans

# Eleven Point River 319(h) Project

## Project Tasks

1. Utilize Conservation District Board
2. Provide Technical Assistance
3. Provide Cost Share for BMP Implementation
4. Technology Transfer
5. Equipment Purchase
6. Reporting

# Task 1

## Steering Committee Responsibilities

- R.C.C.D. will meet monthly for 3 years
- Review all inventories and assessments done in the Watershed; set priorities for cost-share in the project area; and coordinate all activities of the project components
- Review and approve all deliverables

# Task 2

## Technical Assistance

- The District Technician will write 132 conservation plans over a 3 year period.
- R.C.C.D. will make return visits as needed to the 132 farms planned to assist with conservation planning and BMP implementation.



# Task 3

Cost Share 40%:

Based on 2009 EQIP Cost List

# Task 3 (cont.)

- Pond
- Fence
- Watering Facility
- Pipeline
- Heavy Use Area
- Pasture And Hay Planting
- Brush Management
- Tree/Shrub Establishment

# Task 4

## Technology Transfer:

- Develop and publish a quarterly newsletter (4 Completed)
- Distribute the newsletter to landowners who own 15 acres or more within the Eleven Point Watershed
- Plan and hold yearly outreach meetings to inform landowners within the Eleven Point Watershed

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Randolph County Conservation District

### **Eleven Point River Watershed**

**Improvement Project**

Implemented by RCCD

#### **Cost Share for Conservation Practices**

Objective: To improve land uses in the Eleven Point Watershed in Randolph County and to implement conservation plans on pasture and hay land along the Eleven Point River.

The goal of the project is to get the Eleven Point River removed from the list of impaired water bodies. To do this the RCCD has obtained a 319(h) grant from the EPA, administered by the ANRC, to help with conservation practices along this river.

#### **Introduction**

The Eleven Point River, a tributary of the Black River, drains about 184 square miles in northeastern Arkansas. The thirty three mile stretch of the Eleven Point River that lies exclusively in western Randolph County is an outdoor enthusiast dream. This stretch of the river provides excellent canoeing, boating, and swimming opportunities for many Arkansans.

#### **Problem**

The latest Integrated Water Quality Monitoring and Assessment Report 305(b) (2006) published by the Arkan-

sas Department of Environmental Quality lists the entire 33.1 miles of the Eleven Point River as inadequately supporting aquatic life because of low dissolved oxygen levels.

This placed the river on the Arkansas Department of Environmental Quality 303(d) list as an impaired water body.

Thirty-three percent of this watershed is used for pasture or hay land, while sixty-one percent is forest. Best Management Practices (BMPs) should be implemented in this watershed in order to prevent excessive enrichment from animal waste and silt from entering the stream.



Conservation District

# Task 5

## Equipment Purchase

- Purchase Fence Dawg fencing tool
- Hold Field day to show producers how this equipment works



# Task 6

## Reporting:

- Provide quarterly reports that include implementation documentation
- Provide Annual Reports
- Complete Final Report

# Eleven Point River 319(h) Project

## Accomplishments to date:

- Held monthly Conservation District Board Meetings
- Published 4 Newsletters
- Completed 89 conservation plans (on about 15,872 acres)
- Purchased Fence Dawg Fencing Equipment
- \$26,134.70 has been paid to landowners (\$53,591.92 landowner match)

# Best Management Practices:

## Ponds:

- 3 Completed

## Critical Area Planting:

- 1.5 acres completed

## Pipeline:

- 1,255 ft. installed

# Best Management Practices: Waste Storage Facilities

- 2 Completed





# Best Management Practices: Pasture and Hay Planting

- **166 acres completed**



# Best Management Practices: Fence

- 13,355 ft. completed



# Best Management Practices: Watering Facilities

- 3 Completed



# Best Management Practices: Heavy Use Areas

Over 5,000 square ft. Installed



# Best Management Practices: Pest Management & Brush Management

- 211 acres of Pest Management completed
- 10 acres of Brush Management completed



# R.C.C.D. Equipment Haybuster 107 No-till Drill



# R.C.C.D. Equipment 300 gallon Trailer Sprayer



# R.C.C.D. Equipment 2 Spriggers





# R.C.C.D. Equipment

## Roto Wiper & Vicon Seeder



QUESTIONS???