AGENDA

- Watershed Projects – Maximizing Water Storage Capacity
CPTAD – Conservation Planning

Conservation Planning Certification

• Apprentice Planner
  • Support Certified Conservation Planners in Planning Process

• Certified Conservation Planner
  • Serve as Responsible Federal Official (RFO)

• Master Conservation Planner
  • Watershed Planning
  • Quality Assurance Responsibilities

Legend

- NRCS - 2,429
- Federal land

Note: Includes field office locations where technical assistance is provided directly to producers and landowners, including co-located offices. Other USDA facilities not included.

U.S. Department of Agriculture
Natural Resources Conservation Service
Resource Assessment Division
Map ID: 13740  February, 2017
Source: Office Information Profile
Watershed Projects

Watershed Authorities
Pilot Watershed Projects
PL-534 Watershed Projects
PL-566 Watershed Projects
RC&D Watershed Projects
PL-472 Watershed Rehabilitation Projects

Purposes
Erosion and sediment control
Fish and wildlife habitat enhancement
Flood prevention
Hydropower sources
Rural, municipal and industrial water supply
Water management
Water quality Improvements
Watershed Projects

Oklahoma has 129 watershed projects in 64 counties
Watershed Projects

Watershed Dams Benefits
• 48,000,000 million people
• $2.2 billion average annual benefits
• 610,000 homes
• 180,000 farms
• 28,000 water supplies protected

The area shown inside the red lines illustrate the downstream area protected from flooding by the dam (benefited area).
Watershed Projects

Watershed Project Dams

- 11,900 NRCS Assisted Dams
- Construction Peaked in 1963
- 2018 – Milestone => 5,850 dams reach their evaluated life

Opportunities

- Address Other Eligible Purposes
  - Water Supply
Status of Watershed Rehabilitation Projects
January 2018

Legend
Status
- 57 Projects in Planning (20 States)
- 78 Projects Authorized - Implementation in Progress (17 States)
- 145 Projects Completed (23 States)
Total: 280 Projects in 30 States
Oklahoma Watershed Rehabilitation Projects
Status: August 2018

- > 2,100 Watershed Dams
- $2 B public infrastructure
- $94 million AAB
- ~ 2 dams/week > 50-years

Legend
- 37 Projects Completed
- 2 Dams Under Construction
- 2 Designs Completed - Awaiting Construction
- 4 In Design
- 8 Planning Completed - Awaiting Design
- 0 In Planning
- 53 Funded Projects
Watershed Projects

Watershed Project Dam Rehabilitation

• 42 Multi-Purpose Dams
  • Mostly Water Supply

• ~300 dams with potential for adding water supply

• Traditional Partnerships more Critical
  • Institutional Knowledge

• American Water Works Association collaboration
  • Source Water Protection
Watershed Projects

2018 Farm Bill

• EQIP
  • Expands Agreements with Irrigation interests

• Watershed Program
  • More stability in funding

• Regional Conservation Partnership Program
  • Makes Program Fund Specific, with increased funding
  • Expands PL-566 Program Authorities
  • State and Regional Funding Pools
Watershed Projects

Watershed Project Dams

• DamWatch collects real-time data to send alert notifications when thresholds are exceeded.

• Alert notifications are distributed immediately to respond according to their Emergency Action Plans (EAPs) or Emergency Operations Plans (EOPs).

• Started in Oklahoma
National Firsts in the Oklahoma Watershed Program

First Completed Watershed Project
Sandstone Creek Watershed
Roger Mills County, 24 dams Built
Between 1950-1953

First Completed Pilot Rehabilitation
Watershed Project, Sergeant Major
Creek Watershed Dam No. 2,
April 2000, Roger Mills County

First Watershed Dam Constructed
With Funds From the American
Recovery and Reinvestment Act of 2009,
Turkey Creek Dam No. 3, Garfield
County, February 2010

First Complete
Watershed Project
To Have All Dams
Rehabilitated,
September 2009,
Double Creek
Watershed,
Washington County

First Watershed Dam Decommissioned
Under the Watershed Rehabilitation
Program, Cavalry Creek Watershed Dam
No. 6, July 2005, Washita County

First Rehabilitation
Project under
construction
using American
Recovery and
Reinvestment Act
of 2009 funding.
Sallisaw Creek
Watershed Dam
18M,

First Watershed Dam Built, Cloud Creek,
Watershed Dam No. 1, Washita County
July 1948

First to Build 1,500 Watershed Dams
Finn Creek Watershed Dam No. 34,
Wiley Post Memorial Lake,
Maysville, OK. 1971

First to Build 1,776 Watershed Dams,
Sandy Creek Watershed Dam No. 11,
Lake Liberty, Pontotoc County
May 1976. Recognized During
Bicentennial Celebration

First Multipurpose Watershed Dam
Wildhorse Creek Watershed Dam No. 22
Lake Humphreys - 1957, Water Supply for
City of Duncan
THANK YOU!