

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

12-400 LOWER L'ANGUILLE WATERSHED COST SHARE

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ST. FRANCIS COUNTY CONSERVATION DISTRICT

PROJECT LOCATION – LOWER L'ANGUILLE RIVER WATERSHED



PROJECT GOALS

- ENCOURAGE USE OF BMPs TO REDUCE EROSION FROM AGRICULTURAL LAND IN THE L'ANGUILLE RIVER WATERSHED
- INTRODUCE PRODUCERS TO CORE PRACTICES TO AVOID, CONTROL, AND TRAP WATER POLLUTANTS
- PROVIDE INCENTIVES TO IMPLEMENT CONSERVATION PRACTICES

PROJECT OBJECTIVES

- CONDUCT ANNUAL OUTREACH MEETING
- TRANSFER KNOWLEDGE
 - NEWSLETTERS
 - NEWSPAPER ARTICLES
 - RADIO SPOTS
 - MAIL OUTS
- PROVIDE 40% COST SHARE TO IMPLEMENT PRACTICES
- COST INCENTIVE PAYMENTS FOR SPECIFIC PRACTICES
- REAP IMPROVED WATER QUALITY BENEFITS

BEST MANAGEMENT PRACTICES

SEDIMENT & SOIL EROSION PRACTICES

GRADE STABILIZATION STRUCTURE (410) 10 YR. LIFE

WATER CONTROL STRUCTURE (587) 20 YRS.

IRRIGATION WATER CONVEYANCE (430DD) 25 YRS.

CRITICAL AREA TREATMENT (342) 10 YRS.

PASTURE ESTABLISHMENT (512) 10 YRS.

STREAM BANK STABILIZATION (580) 20 YRS.

POND (378) 20 YRS.

TREE ESTABLISHMENT (612) 15 YRS.

ALL STRUCTURAL BMPS WILL BE COST-SHARED AT 40% OF THE ACTUAL COST OF IMPLEMENTATION.

REDUCED RUNOFF BMPS

SEDIMENT AND WATER CONTROL STRUCTURES (638)
10 YRS.

DIVERSION (362) 10 YRS.

FILTER STRIPS (393) 10 YRS.

COVER CROP (340) 1 YR.

PRESCRIBED GRAZING (528A) 5 YRS.

FENCING (382) 20 YRS. FENCING WILL ONLY BE ELIGIBLE WHEN IMPLEMENTED WITH EITHER PASTURE ESTABLISHMENT OR PRESCRIBED GRAZING.

ALL STRUCTURAL PRACTICES WILL BE COST-SHARED AT 40% AND COVER CROP WILL RECEIVE A MAXIMUM OF \$25 PER ACRE COST-SHARE.

PROJECT FUNDING

FEDERAL DOLLARS

LOCAL MATCH

TOTAL

\$125,000

\$162,760

\$287,760

ALLOCATED TO DATE

COMMITTED TO DATE

TO DATE

\$122,934.30

\$205,234.25

\$328,165.55

DROP PIPES & WATER CONTROL STRUCTURES

- EROSION & GULLIES FORM ALONG THE EDGE OF THE FIELD DUMPING SEDIMENT LADEN RUNOFF INTO DITCHES AND STREAMS



IRRIGATION WATER CONVEYANCE



WINTER COVER CROPS



PROJECT PROGRESS

- 36 APPLICATIONS RECEIVED TO DATE
- 22 HAVE PRACTICES INSTALLED & COMPLETED
 - 29 DROP PIPES – REDUCING EROSION ON APPROXIMATELY 1 100 ACRES
 - 20,563 FEET OF IRRIGATION WATER CONVEYANCE
 - 544 ACRES PLANTED TO WINTER COVER CROP

MEASURES OF SUCCESS

- PRODUCERS WILLINGNESS TO:
 - MAKE PERSONAL INVESTMENTS IN BMPS
 - CHANGE HISTORICAL FARMING PRACTICES
 - GENERATE INTEREST IN OTHER PRODUCERS
- LIFE EXPECTANCY OF PRACTICES INSURES LONG TERM SUCCESS
- IMPROVED WATER QUALITY
- IMPROVED SOIL FERTILITY

APPRECIATION

- ENVIRONMENTAL PROTECTION AGENCY 319 PROGRAM
- ARKANSAS NATURAL RESOURCES COMMISSION 319 PROGRAM
- USDA NRCS
- OUR PRODUCERS

QUESTIONS?

