



# THE GOALS OF THE PROGRAM ARE:

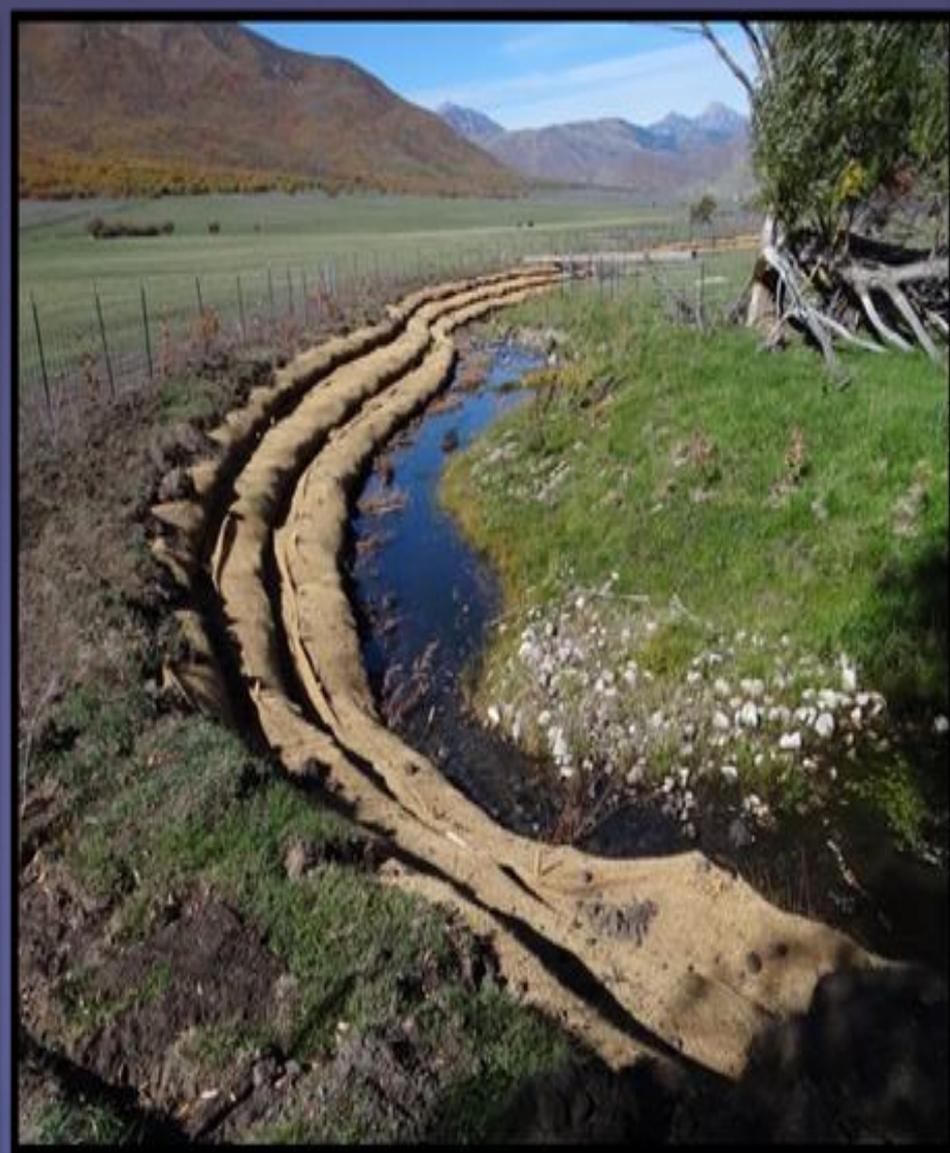
- Conserving soil and water
- Improving water quality
- Preserving wildlife habitat
- Developing on-farm energy projects
- Preventing/mitigating flooding and other natural disasters
- Improving rangeland
- Provide and maintain protection of a crop or animal resource

ARDL funds are typically combined with grants and/or other sources to provide maximum benefit to conservation projects.

- NATURAL RESOURCE CONSERVATION SERVICE (NRCS)
- GRAZING IMPROVEMENT PROGRAM (GIP)
- PERSONAL FUNDS



Before



After

Bank Restoration

(Main Creek in the Wallsburg Project in Wasatch County.)

**1976 through 2015 – 39 year Period**

**\$86.9 million was loaned out.**

**2,478 loans were completed**

**Average loan amount the first 30 years**

**was \$28,169, 66 Loans per year**

**Average loan amount the last 9 years was**

**\$63,228, 54 loans per year**

# Irrigation Types and Efficiencies



Wild Flood  
35%

Handline Wheel 65% to 70%



Pivot 75 to 80%



# Before and After Scenario

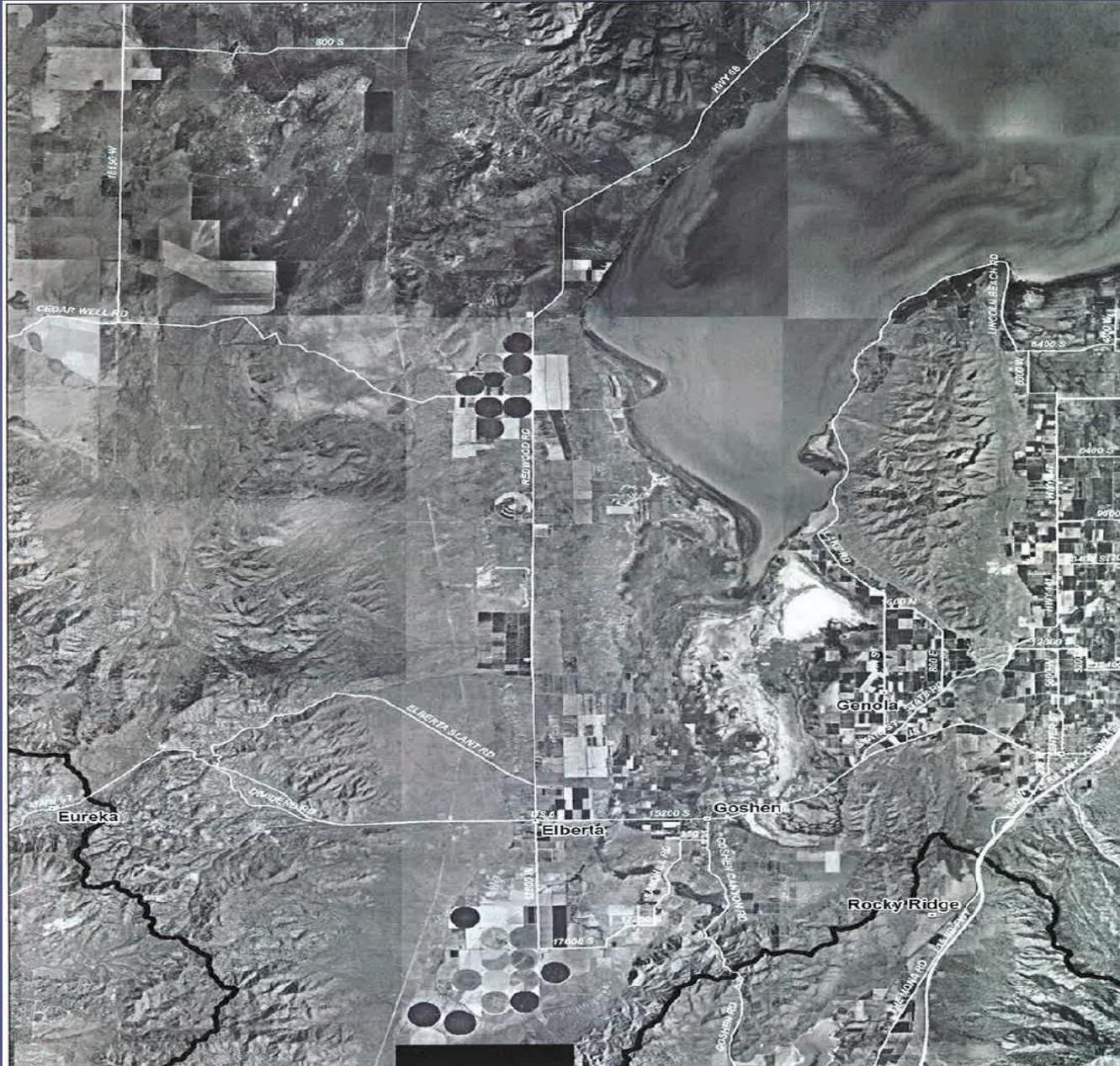
Based on 160 Acres of Production

- Tons produced before 546.80
- Tons produced after 840.56
  
- Total inches of water required before 51 inches
- Total Inches of water required after 27 inches
  
- Total revenue before \$54,680
- Total revenue after \$84,056

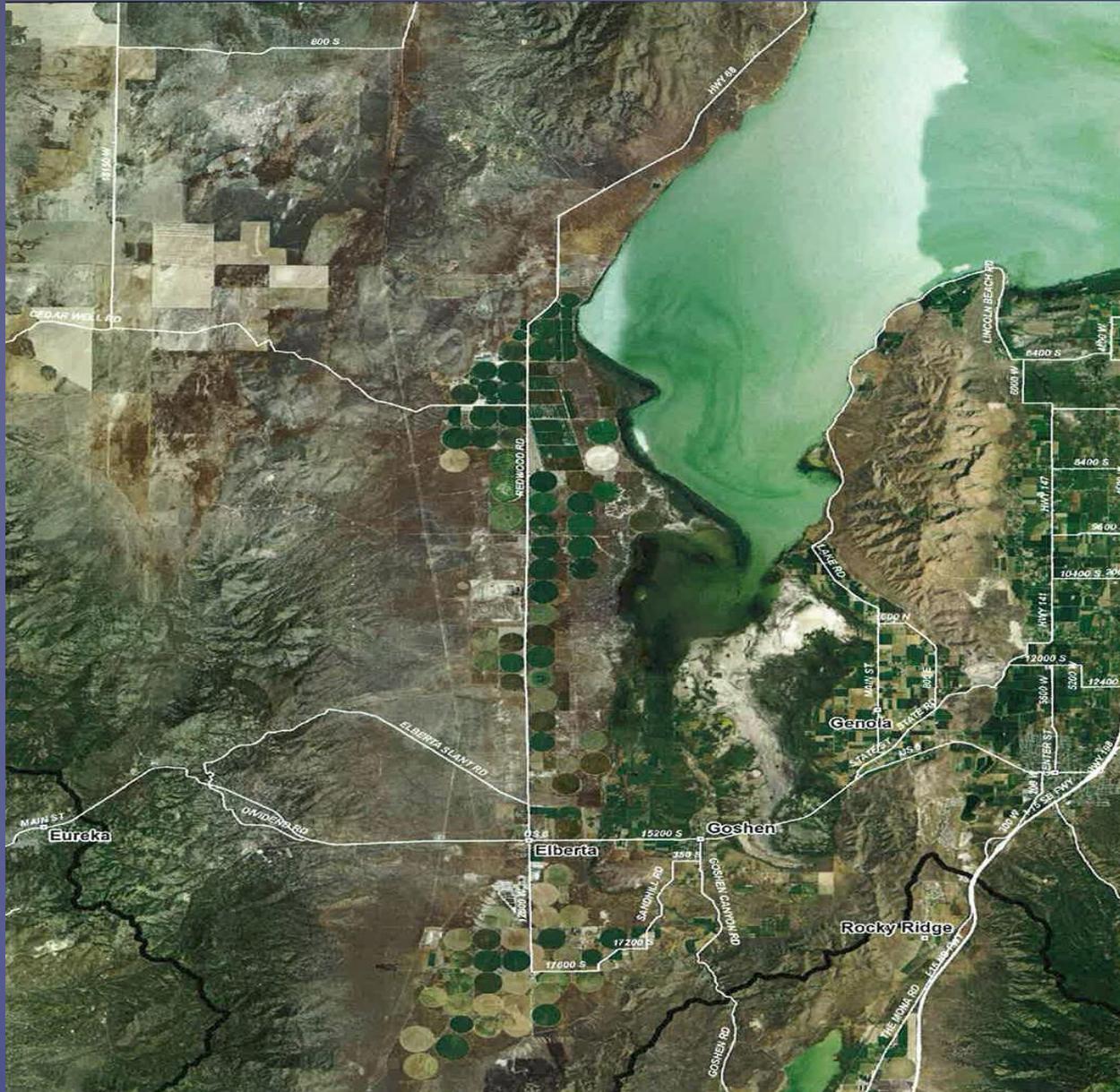
Estimated total additional “net” revenue per pivot, per year  
\$24,868.40

# Elberta Area, Utah County

## Elberta Area, Utah County-1990s

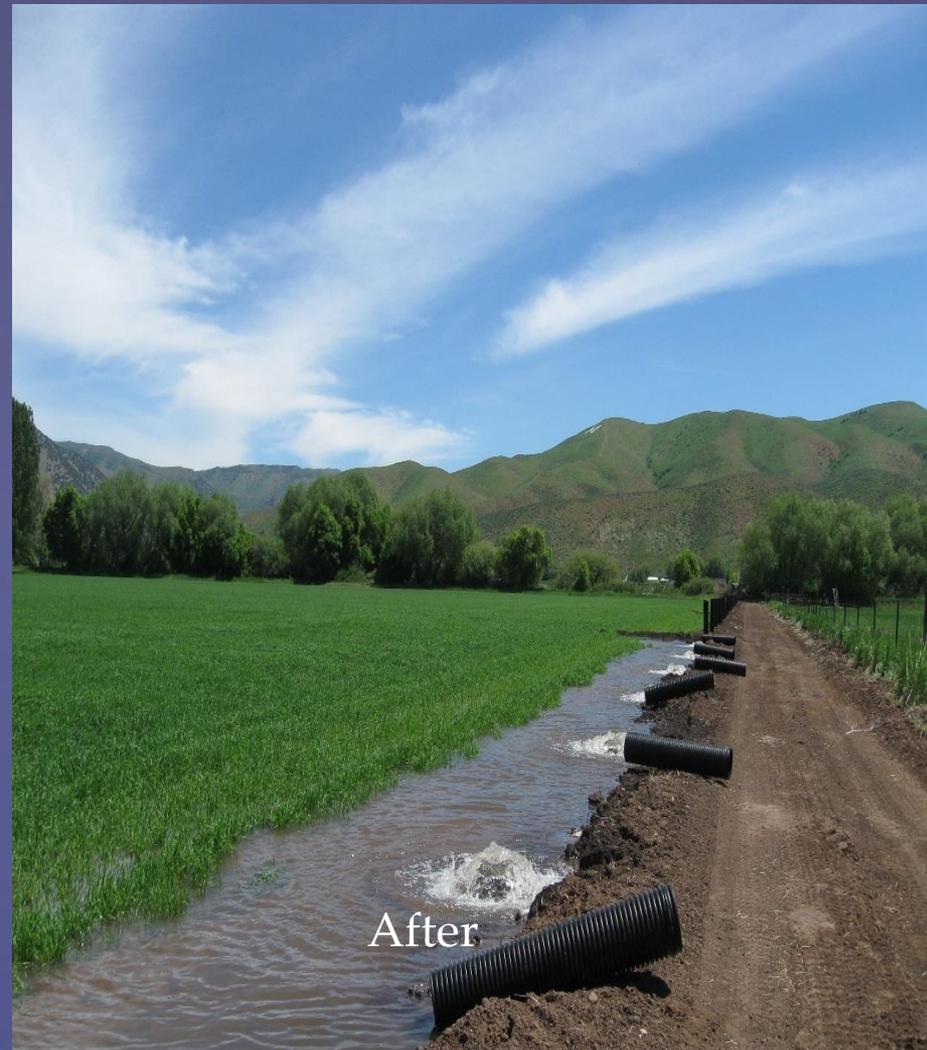
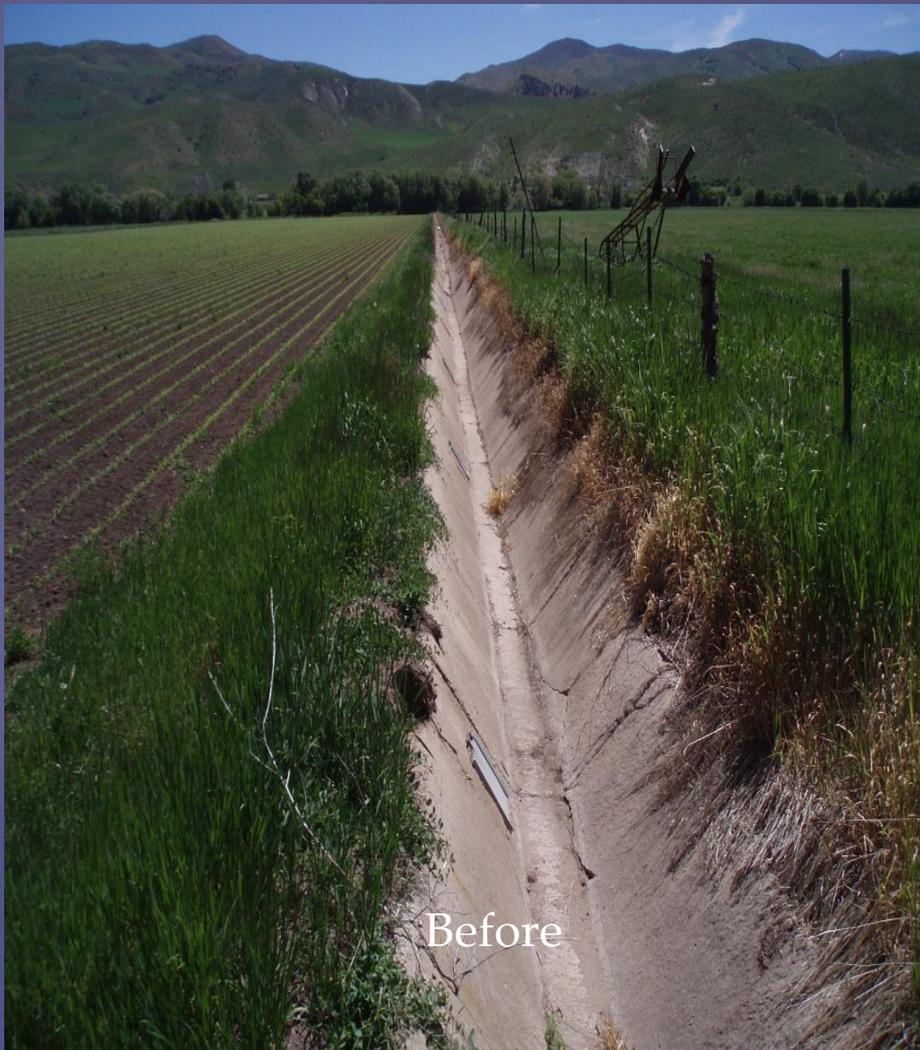


Elberta Area, Utah County  
80 pivots x \$24,868.40 = \$1,989,472 per year  
Elberta Area, Utah County-2011



# Irrigation Improvement Project

This project changes from open ditch irrigation to closed irrigation. Pipe risers are installed to release water in specified areas only. Water is moved by reinstalling the riser to close the gate.



# Types of Projects



On Farm Energy Projects

Irrigation Systems

Manure Management Systems

Range Improvement Projects