Building Floodplain Resiliency through Ecosystem Restoration
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FMA: September 7, 2017
TRLIA Work To Date

• Improved 29 miles of Urban levees within State Plan of Flood Control (SPFC)
  • State owned levees maintained by Reclamation District (RD) 784
    • FEMA 100-yr Accreditation done
    • ULDC 200-yr Compliance done this year
  • Goldfields currently outside SPFC
    • 100-yr project done
    • 200-yr project underway
• Estimated Cost
  • Total: $500 million
  • Cost share: State 65% +, Local 34%, < Federal 1% (FEMA)
200-year Bear River Setback Levee Project

- Completed 2006/7
- Approx. 2 miles long
- Hydraulically designed for dense vegetation
- Lowers 200-yr flood stage upstream by 0.5 to 1 foot
- 339-Acre expanded floodway
- 639-Acre Ecological Preserve
- Unique ECO/Flood Conservation Easement
- Maintained by ECO third party for both habitat and Flood
200-yr Feather Setback Levee

- Approximately 5.7 miles long levee (green) - 1500-Acre expanded floodway
- Hydraulically designed for dense vegetation - Lowers 200-yr flood stage upstream by 2+ feet
- 986 Acres of Mitigation and Restoration Habitat (Wetlands, Elderberry, Conservation Bank, and Cultural) – (yellow and brown)
  - Maintained by third party
  - Unique ECO/Flood Conservation Easements
- 462 Acres of Agriculture (Orchards) – potential revenue source (purple)

• Completed 2010