Location

South Yuba County Levees
Federal levees
Recent Breaks ’86 & ’97
**TRLIA Facts**

- A Joint Powers Agency (JPA) Created in 2004 by Yuba County and Reclamation District 784
  - Mission is to accomplish 100-yr and 200-yr *Urban* Flood control improvements in southern Yuba County
  - Responsible for Planning, Design, Construction, Land Acquisition, Ecological/Cultural, Permitting, Financial
  - Assumes liability for improvements
  - Can work anywhere in Yuba County
  - Governed by TRLIA Five Member Board

- Web site: trlia.org
**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 nearly done; WPIC underway
- Goldfields
  - Originally considered high ground
  - Issues identified in 2010
  - Currently not in SPFC
  - 100-yr and 200-yr Projects
- Estimated Cost
  - Total: $450 million
  - Cost share: State 65%, Local 34%, Federal 1% (FEMA)
TRLIA Funding Sources

• Local:
  – Development agreements
  – Yuba Levee Finance Authority (YLFA) – 2008 Bond Sale
  – TRLIA Community Facility Districts (Mello-Roos)
  – Yuba County Levee Impact Fees
  – TRLIA Benefit Assessment District; mainly for O&M

• State:
  – Proposition 13 funding (DWR and Ca F&G)
  – Proposition 1E funding (EIP, FESSRO, and upcoming UFFR).

• Federal:
  – FEMA grant (Olivehurst Detention Basin)
Paths to Success

- Leadership
- Focus on the Goal
- Team
- Ability to deal with tough situations
- Perseverance
- Flexibility – look for new solutions
- Apply the Multi Benefit Principles from the beginning (e.g. Flood, Eco, Ag)
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
200-yr Feather Setback Levee

- Completed 2008/10
- Approximately 5.7 miles long
- Hydraulically designed for dense vegetation
- 1500-Acre expanded floodway - Lowers 200-yr flood stage upstream by 3 feet
- Excellent opportunities for Ecological and Agriculture areas to be incorporated into Flood Corridor management
- TRLIA mitigation & restoration properties and 500-Ac FESSRO Conservation Bank
100-year Goldfields Project

- Addendum to FEMA Accreditation – Interim Project (10-years)
- Anticipated to be completed in 2016
- Approximately 2 miles long
- Paid for with local funding: $600,000
- Within Mining Property
- Embankments constructed with dredge tailings
- Maintained by TRLIA
Yuba County Recent Floods

Yuba River 86’Break

Feather River 97’Break
200-year Goldfields Project

- TRLIA selected CEQA Alignment
- 3.5 miles of new levee
- Proposed for DWR UFRR funding agreement - $41.2 million
- Needs to be added to SPFC
- Anticipated to be completed in 4 to 5 years
- Replaces TRLIA 100-year project