



November 16, 2010

To: YLFA Board

From: Paul Brunner, TRLIA Executive Director

RE: TRLIA Project Summary Report

➤ **Overall Funding Status as of October 31, 2010:**

- Cash Balance Projections
  - 813: \$7.026 Million Remaining from Total Bond Proceeds (\$7.023 Million after expenses proposed for payment at this meeting.)
    - \$2.083 Million cumulative authorization remaining after \$7.0 Million additional authorization, January 2010 (\$2.079 Million after expenses proposed for payment at this meeting.)
      - Reference 9/10/2010 S. Powers memo regarding remaining authorization.
    - \$4.944 Million available to be authorized, subject to change based upon determination of this meeting.
  - 805: Approx. \$8.0 Million
    - Local Credit Payment in process from Feather Project of \$1,035,241.
  - 816: (Feather Prop 1E): \$6,500
    - Funding remaining from prior advances. Includes interest earned through 1<sup>st</sup> Quarter 2010/11.
    - State funding in process totals \$5,135,524.
  - 817: (Yuba Prop 1E): ~ \$5.78 Million
    - Funding remaining from prior advances. Includes interest earned. Funding represents advances for Construction that is now delayed. Funding will sit in 817 fund accruing interest until eligible construction expenses are incurred.

➤ **Local Bond Funding (813):**

- No additional YLFA funding authorization is needed this month.
- Current cash flow projections currently show no need for additional cash flow funding in the future.

➤ **Feather EIP Project Status:**

- Modified Feather River EIP Agreement total project cost \$200.5 million (State Share \$154.8 million) – Modified Funding Agreement Approved by DGS March 25, 2010.
- Projected Total Cost for the Feather River Project are now approximately ~\$193 million, including \$3.75 million of contingency, State Share remains approximately \$154.8 million based upon stated cost sharing percentages.

- To date, DWR has provided a total of \$129.7 M of the \$154.8M (84%)
  - \$95.88 M for non-real estate work – 95% complete
  - \$33.82 M for real estate - 24 of 28 property acquisitions completed
- Project Contingency: Adjusted to \$ 3.75 Million in Cash Flow
- Executive Director continues to participate in the State Lower Feather River Corridor Management Plan Work Group
- Feather Segment 2 construction work:
  - Existing levee is degraded. Degradation was complete August 6, 2010.
  - The JTS/Platter offsite borrow area has been graded to final elevations and grass has been planted. Property to be returned to owner by end of November.
  - The main borrow site in the Setback Area has been graded to final elevations and grass has been planted.
  - The repair of the ruts in the patrol road along Setback levee has been completed.
  - Security/maintenance road in Setback Area has been completed.
  - Public Access Ramp over Broadway will be completed this month. TRLIA is preparing a Security/liability plan for TRLIA Board approval prior to opening access.
  - Teichert has removed their construction trailers and is finishing Punchlist items this month.
  - Wetlands/environmental mitigation projects are underway (River Partners)
- Feather Segments 1 & 3:
  - Segment 1 levee landside access corridor purchase – 50-ft-wide continues.
  - Segment 3 levee landside access corridor purchase – 10-ft-wide continues.

➤ **Upper Yuba EIP Project Status:**

- Original Upper Yuba River EIP Agreement total project cost \$67.8 million of which \$7.7 million is prior work (State share \$47.4 million)
- Upper Yuba Overall Work Plan has been reduced to reflect lower projected projects costs per 5<sup>th</sup> Quarterly Work Plan. Revised Total Project Costs are now \$35.75 Million (State Share of ~\$25 million)
  - Key factor in reducing cost was the lowering of the cutoff wall depth.
  - Current Project Contingency: ~\$ 2.5 Million (Fixed amount in Cash Flow)
- Total State Funding Received \$14.03 Million (~56% of total projected State Share, 30% of authorized funding agreement State Share)
- Upper Yuba River EIP Project – 13% complete
- Status of Upper Yuba Prop 1E payments for the next months ahead
  - TRLIA has received ~\$14.3 Million of total funding through July. This funding represented reimbursement for prior state share funded (credit and true-up) as well as advanced funding for construction. TRLIA's submitted work plans that generated that funding assumed construction taking place this year. As the construction is delayed, that funding will remain in 817 account accruing interest and will be used once construction takes place. Accrued interest will be

deducted from future State funding. Interest Statements will be provided to the State.

- Design: The UYLIP consists of 15,150 linear feet (LF) of cutoff wall ranging from 47 to 70 feet deep, 1,559 LF of seepage berm 80 feet to 150 feet wide at the end of the project, 3,159 LF of waterside slope rock erosion protection at the end of the project, and geometry corrections throughout the project reach.
  - The Design is complete.
- Permits/Environmental:
  - TRLIA issued the Draft IS/MND for public review on February 12 and the public review comment period ended on March 15th. The TRLIA Board adopted a Mitigated Negative Declaration at their April 20th meeting and Notice of Determination was filed on April 23<sup>rd</sup>.
  - The CVFPB approved issuing an Encroachment Permit at their July 22, 2010 meeting for the UYLIP.
    - This permit is to be issued after the Corps provides Section 408 Approval.
    - The CVFPB had one issue with the design at the July 22 meeting with respect to the proper assumed condition of the Yuba Training Levee in developing design water surface elevations. This issue was resolved at the July CVFPB meeting through TRLIA 1) acknowledging the relationship of this feature to achieving 200-year protection and agreeing to work with the landowner, State, and Federal agencies to coordinate repair of any future breach by the appropriate entity, and 2) yearly checking the training levee for damage and reporting the inspection results to the CVFPB. TRLIA agreed to the yearly training levee check pending the property owner providing their concurrence.
  - The Sacramento District submitted Section 408 and Section 104 to its HQ for approval – anticipate 408 approval in November and 104 credit approval February/March 2011.
  - TRLIA is working with the State (DWR & CVFPB staffs), Corps, and F&WS on using the Anderson Road Elderberry Mitigation site for the UYLIP project.
    - CVFPB is requiring an encroachment permit; hopefully issued by January 2011 so elderberry shrubs are moved during dormant season
    - CVFPB is requiring TRLIA to sign a long term funding agreement to maintain the site.
    - Corps and F&WS are amending Biological Opinion to transplanting of elderberries in dormant season.
  - A Memorandum of Understanding between the USACE and the CVFPB was signed on June 30, 2010 providing for credit under Section 2003 of the Water Resources Development Act of 2007 for the Upper Yuba Levee Improvement Project.
- Construction:
  - The UYLIP was advertised for bids on June 21.
  - TRLIA plans to opened bids on August 26.
    - Low bid was \$7,541,469.80 (Magnus Pacific)

- Engineers estimate \$13,944,125.84 (HDR)
- Award will not be made until the 408 authorization is provided and the 104 credit request approved by the Corps. Bid proposal requires bids to be good until March 31, 2011.
- Construction work for the UYLIP will be accomplished in the 2011 construction season.

➤ **Levee Certification Status:**

- TRLIA received notice from FEMA on May 27, 2010 that the Levee Certification Package for FEMA Accreditation submitted on May 5, 2010 was accepted and that the DFIRM's scheduled to become effective in February 2011 will provide protection from the base flood.
- On August 18, 2010, FEMA issued a Letter of Final Determination (LFD)

➤ **Future Potential Cost Elements:**

- TRLIA continues to participate on DWR sub committee's that are developing a new 200 year Senate Bill 5 certification criteria – Impact TBD
- Goldfields solution for 200-year storm event. TRLIA continues to work on the hydraulic study to better define the risk of flooding from the Goldfields – Impact TBD
  - The purpose of this effort is to reaffirm the Corps' conclusions for the 100 year event and to conduct a more detailed evaluation of the flood risk at the 200 year flood event.
  - TRLIA has met with the mining interests in the Goldfields area to obtain information (e.g. topography data) that would assist the hydraulic study.
  - This analysis will be provided to the CVFPB, DWR and Corps at key milestones to seek agency input on the analysis. Once completed it can be used to identify alternatives to reduce the flood risk from the Goldfields.
  - The analysis was delayed due to late delivery of topographic information in the Goldfields from the State.
  - The TRLIA analysis is now anticipated to be available in the spring of 2011.
- RD784 has requested TRLIA consider fixing a concrete ditch that transports levee underseepage water from relief wells to Pump Station 2. The concrete ditch was previously built by the Corps of Engineers.
  - The State is still determining if they will support doing this fix as part of the Feather River Agreement in which they would cost share 70%.
  - The initial cost range for the fix is \$270,000 to \$350,000.