



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
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THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Project Status Report dated November 22, 2010

(Submitted to The Central Valley Flood Protection Board for the December 3, 2010 meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document. Updates are indicated with italics and underline.

1. Levee Design and Construction Work:

a. Phase 4 – Yuba River Levee between Simpson Lane and the Goldfields:

- 1) **Environmental:** The TRLIA Board adopted a Mitigated Negative Declaration at their April 20th meeting and Notice of Determination was filed on April 23rd. The public comment period for the Draft UYLIP Environmental Assessment for the Section 408 and 104 credit approvals ended on June 23. Two comment letters were received. The Corps has completed Section 7 consultation with the USFWS with receipt of the Biological Opinion on August 16. Section 106 consultation was completed on September 10. The Corps submitted the Section 408 evaluation package to their HQ on September 21. The Section 104 approval package will not be considered until the Section 408 is approved which is expected in early December.

TRLIA is working with the State (DWR & CVFPB staffs), Corps, and USFWS on using the existing Anderson Road Elderberry Mitigation site for the UYLIP project. The Anderson Site is along the Feather River and is located in the floodway. The USFWS Biological Opinion received August 16 allows the elderberry mitigation to occur at the Anderson site. On October 26, 2010, TRLIA submitted an encroachment permit application for use of the existing Anderson Mitigation Site. Both RD784 and LD1 have endorsed the application. TRLIA will provide a briefing on the Anderson site at the December Meeting and is hopeful that the CVFPB can consider this application at the January Board meeting. TRLIA hopes to transplant the impacted elderberry shrubs during the dormant season (November 1 – February 15) in order to minimize required mitigation.

- 2) **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. Listed below are several key design actions:

- a) 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.
 - b) TRLIA submitted the Draft Section 408 Summary Report on March 2 for review by the CVFPB and Corps of Engineers staff. The CVFPB submitted a request letter to the Corps of Engineers for Section 408 Approval on May 18, 2010. The Sacramento District submitted an approval package for Section 408 to its HQ on September 21.
 - c) Yuba County Water Agency (YCWA) submitted a Section 104 request to the CVFPB on February 23, 2010. The CVFPB approved a request letter to the Corps of Engineers for the Section 104 Credit at the April CVFPB Meeting. The Section 104 approval package will not be considered until the Section 408 is approved, which is expected in early December.
 - d) 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. Some language in this agreement was recently revised but the original approval date between the CVFPB and USACE was not changed. With acceptance of the revised language, this agreement is now complete.
- 3) **Construction:** Bids were opened for the UYLIP on August 26. TRLIA received three bids. The low bid was \$7,541,470 and the high bid was \$9,127,446. The engineer's estimate was \$13,944,126. Delays in processing the Section 408 Request have made it impossible to accomplish any construction for the UYLIP this year. The bids received are good until March 31, 2011. Award will not be made until the 408 authorization is provided and the 104 credit request approved by the Corps. All of the construction work for the UYLIP is planned to be accomplished during the 2011 construction season.

b. Phase 4 – Feather River Levee between Bear and Yuba Rivers:

1) Segment 2:

- a) **Part A of Encroachment Permit:** Embankment construction was completed last year. FEMA issued the letter of final determination on August 18, 2010, which incorporated their May 27, 2010 letter stating that the Segment 2 reach of levee is accredited. The Final Project Inspection was held on October 25, 2010. DWR, TRLIA, and RD784 have developed a punch list for minor items to be completed. Punch list items have been completed and work is complete for the Setback Levee.
- b) **Existing Levee Degrade:** TRLIA re-started degradation for the 2010 construction season on April 12, 2010. Degradation was complete August 6, 2010. The JTS/Platter offsite borrow area has been graded to final elevations and grass was planted in October before returning use of the parcels to the original owner. The main borrow site in the Setback Area has been graded to final elevations and grass was planted in October.

- c) **Vegetated Wave Buffer:** TRLIA submitted a separate encroachment permit application to the CVFPB for the Vegetated Wave Buffer on September 3, 2009. Since the initial application submission TRLIA has been working with RD784, DWR & CVFPB staff to prepare a long term O&M plan for this area. TRLIA submitted the long term management plan and additional updated information to the CVFPB staff on August 16. The first three years of maintenance for the buffer will be done via TRLIA funded contract. After the initial three years, the maintenance of the buffer will be performed by RD784. The cost to RD784 is estimated to be less than \$10,000 per year and would be funded from the TRLIA levee O&M Benefit Assessment District. TRLIA is complying with a few CEQA requests from CVFPB Staff and hopes to have this application considered at the January Meeting.
- d) **Feather River Elderberry Transplant Mitigation Area:** TRLIA is preparing the permit application for the Feather River Elderberry Transplant (FRET) Mitigation Area. TRLIA continues to work with DWR floodway maintenance staff and F&WS to develop an acceptable approach to floodway maintenance for all parties. DWR has set up a committee to guide the actions within the Feather River Corridor, with participation from various branches of DWR, the CVFPB, the local maintenance districts, TRLIA, the counties, and other interested stakeholder groups. The Committee is called the Feather River Corridor Management Plan development team. An encroachment permit application was submitted to CVFPB on October 26, 2010. Both RD784 and LDI have endorsed this permit. TRLIA hopes to have this permit considered at the January Meeting.

2. Goldfields:

- a. The Corps of Engineers presented their hydraulic analysis and findings for the Goldfields area at the March 2010 CVFPB meeting. TRLIA continues to work on the hydraulic study to better define the risk of flooding from the Goldfields. The TRLIA analysis is anticipated to be available in the spring of 2011.
- b. TRLIA remains committed to achieving 200 year flood protection for South Yuba County, and will keep the CVFPB and others up to date on our progress.

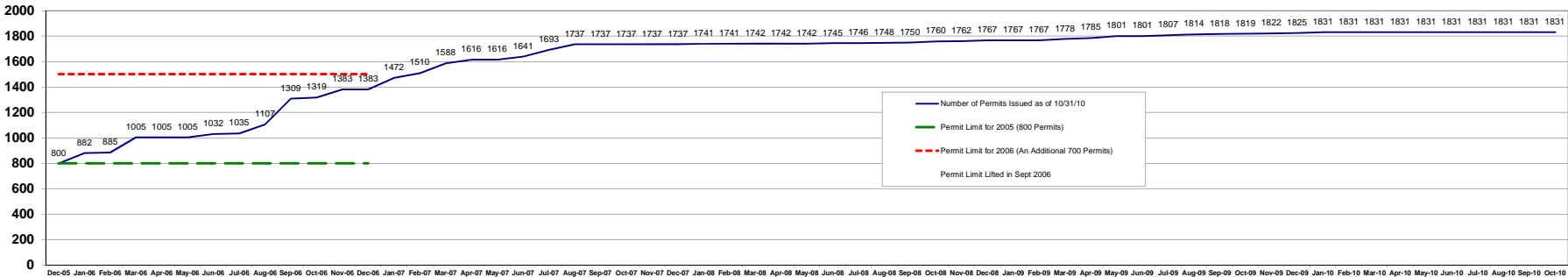
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2010:

- a. The attached graph and table provides information related to residential building permits issued for the Plumas Lake Plan Area (PLSPA) and the North Arboga Study Area (NASA) within Yuba County in 2010.
- b. As shown in the table, a total of 6 building permits have been issued in 2010 so far. 0 permits were issued in October of 2010.

Attachments:

1. Building permit graphic
2. Building permit table

Building Permits Issued in TRLIA Project Area



Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2010

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																				Total (By Builder)
	Jan-10		Feb-10		Mar-10		Apr-10		May-10		Jun-10		Jul-10		Aug-10		Sep-10		Oct-10		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	6																				6
Cresleigh Homes																					0
Forecast Homes/K Hovnanian																					0
Homes by Towne/HBT Constr.																					0
Beazer Homes																					0
California Homes/Home Builders																					0
Cassano Kamilos Homes																					0
D.R. Horton/Western Pacific																					0
Other																					0
Monthly Totals	6		0		0		0		0		0		0		0		0		0		6

As of October 31, 2010

Total Permits for 2010 6
As of October 31, 2010